

SEQUENCE LISTING

<110> Nehls, Michael
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Human Polynucleotides and the
Polypeptides Encoded Thereby

<130> LEX-0064-USA

<150> US 60/158,799

<151> 1999-10-12

<160> 1508

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> chimeric sequence

<400> 1
tggctaggcc ccaggatagg cctcgctggc cttttttttt

40

<210> 2
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> chimeric sequence

<400> 2
gccatggctc cggtagggtcc agag

24

<210> 3
<211> 19
<212> DNA
<213> Rattus norvegicus

<400> 3
tggctaggcc ccaggatag

19

<210> 4
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> chimeric sequence

<400> 4
gtccagagat ggccatagc

19

<210> 5
<211> 18



<212> DNA
 <213> Bacteriophage lambda

 <400> 5 18
 ccaggatagg cctcgctg

 <210> 6
 <211> 23
 <212> DNA
 <213> Bacteriophage lambda

 <400> 6 23
 tacagttttt cttgtgaaga ttg

 <210> 7
 <211> 19
 <212> DNA
 <213> Mus musculus

 <400> 7 19
 gggtagtccc caccttttg

 <210> 8
 <211> 20
 <212> DNA
 <213> Mus musculus

 <400> 8 20
 tccaagtcct ggcattctcac

 <210> 9
 <211> 418
 <212> DNA
 <213> homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(418)
 <223> n = A,T,C or G

 <400> 9 60
 tccatgtaga cttgtttctt atatgtgatg ccattccagc actggactca tggaggctga 120
 gcattttattc agatggagtc tcactctgtt gccaggctg gagtgcagtg gcgcgatctt 180
 ggctcactgc aacctccgcc tccaggattc aagcagttct gctgcctcag cctcccgaac 240
 aggcgagcgc caccacactc ggctaatttt tgtatttttt agtagatatg gggttcacca 300
 tattggccag gctgggtctcg aactcctggc ctggtgatcc gccacacctg gcctcccaga 360
 gtgctgggat tacaggtgtg agtcaccacg cctggcctag ttaangagtt ttgacaattg 418
 tattcaccca tgtaaccact gcatcaaata aaattgaata tttcaatcag aaaaaaaaa

 <210> 10
 <211> 298
 <212> DNA
 <213> homo sapiens

 <400> 10 60
 gtcgcaggct ggaaggttgg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg 120
 cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta 180
 ccacgcctgg ctaatatattg tattttttgt agagacgagg cttcaccatg ttaccaggc 240
 tgatctcaaa ctcttgagct caagcaatcc tcccaccttg gcctcccaaa gtgctgggat 298
 tacagggatg agccactaca gccagtcagt aaaattactt ttaaaagcca aaaaaaaaa

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 11						
gaggaaattg	tcctggaccc	ttttcacaag	atggngcccg	gaagacnaag	aaangtcngg	60
gacagctctt	ccttanantg	aaanangtcc	aagaanctgg	cattaatgta	cagcaagaac	120
ccacctttgn	gngcccgtct	tcnnggcaaa	ggaccaaact	gaaggnggcc	tacctggcct	180
anatgccatt	ctatanggn	gctatggcca	atactttagg	ttttcaccct	ggaagaaatn	240
ctcataagcc	acctntnttt	tttaccacca	atcttcacaa	gaaaaaactg	gtaggggggc	300
cca						303

<210> 12
<211> 302
<212> DNA
<213> homo sapiens

<400> 12						
gtcgcaggct	ggaagggttg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg	60
cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	120
ccacgccttg	ctaataattg	tattttttgt	agagacgagg	cttcaccatg	ttaccagggc	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttgaaagcca	aaaaaaaaag	300
gc						302

<210> 13
<211> 417
<212> DNA
<213> homo sapiens

<400> 13						
gagggttagac	ttgtttctta	tatgtgatgc	cattccagca	ctggactcat	ggaggctgag	60
catttattca	gatggagtct	cactctgttg	cccaggettg	agtgcagtgg	cgcgatcttg	120
gctcactgca	acctccgcct	ccaggattca	agcagttctg	ctgcctcagc	ctcccgaaca	180
ggcgagcgcc	accacactcg	gctaattttt	gtatttttta	gtagatatgg	ggttcaccat	240
attggccagg	ctggtctcga	actcctggcc	tcgtgatccg	cccaccttgg	cctcccagag	300
tgctgggatt	acaggtgtga	gtcaccacgc	ctggcctagt	taatgagttt	tgacaattgt	360
attcacccat	gtaaccactg	catcaaataa	aattgaatat	ttcaatcaga	aaaaaaa	417

<210> 14
<211> 617
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

<400> 14						
ctgccagtca	caggatatcc	accacaagac	acccccgaga	acaaaagtta	gccatccctt	60
cgagcttgct	atcttcatag	aggattcaca	gcggggcagga	tcacaagact	ggctacctga	120
gtaccttccc	cataatggcc	aataacttca	gaagagaggt	ggcctactct	gaaatcacag	180
tctcaggcaa	aactgaagat	aagggaagc	cactccttcc	tgacagagga	tacagcacia	240
ggctcaagtc	tggttttatc	aaaagatgtc	acttgaattt	taactagaaa	gcttttatgg	300
cccttccagc	ggatatgggt	tggttatgtc	cccacccaaa	actcatcttg	aattgtaata	360
ataccacagt	gtcaatgatg	ggaccagggt	gagataattg	aatcataagg	gcagtttccc	420
ctatgctgtt	cccgtgatag	tgagtgaagt	ctcatgagat	ttgatgggtt	tataaggggc	480
ttccaggctt	cctccttcgc	ttggctccca	ttgtgtctct	tgctgacatg	taagggagta	540

```

ctgnttgctt ccccttccac catgattgta aagtttcttg aggccttccc aacctgcaa      600
aaactttgag tcaatta                                           617

<210> 15
<211> 226
<212> DNA
<213> homo sapiens

<400> 15
gacctcactc tgtcaccag gctggagtgc agtgggtgcaa tcttgatca ctgccacctc      60
tgcctccagg cttaaagtgat cttccacact tagccttaca aggagcaggg actacaggat    120
ctggcatctc cttaacttca ggaacatggg gaactaccat aggcttgtaa gcacagtgtgc    180
attcctttta ataaaacttg ttaaacaacac ttactaaca aaaaaa                    226

<210> 16
<211> 298
<212> DNA
<213> homo sapiens

<400> 16
gtcgcaggct ggaagggttg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg      60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta    120
ccacgccttg ctaatatattg tattttttgt agagacgggg cttcaccatg ttaccagggc    180
tgatctcaaa ctcttgagct caagcaatcc tcccaccttg gcctcccaa gtgctgggat      240
tacagggatg agccactaca gccagtcaat aaaattactt taaaagcca aaaaaaaaaa      298

<210> 17
<211> 150
<212> DNA
<213> homo sapiens

<400> 17
gtcgcaggct ggaagggttg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg      60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta    120
ccacgccttg ctaatatattg tatttttttg                                     150

<210> 18
<211> 298
<212> DNA
<213> homo sapiens

<400> 18
gtcgcaggct ggaagggttg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg      60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta    120
ccacgccttg ctaatatattg tatttttttg agagacgagg cttcaccatg ttaccagggc    180
tgatctcaaa ctcttgagct caagcaatcc tcccaccttg gcctcccaa gtgctgggat      240
tacagggatg agccactaca gccagtcaat aaaattactt taaaagcca aaaaaaaaaa      298

<210> 19
<211> 605
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(605)
<223> n = A,T,C or G

<400> 19
gccttcagac tccgatgaat tacaccaactg gcttgcttgg ttctccagct tgcagacaga      60
agactgtggg acttctcagc ctctataatc ttctccttcc cagctagcca ctcacaaccc    120
cgccatgggc ctcagaattg cttaaaggac atcagaccat actacacatc attagatctc    180
aatgaagaac acctctagtt ggcccgtctc tttgtgaggt gccacccttg acatcaagtg      240

```


caggcctcga	cgttgttggc	atttcagagc	cttggcagaa	gttggntaaa	ttggcgggaa	300
gtgatgctgc	cagctggagc	tgttgctgtg	caagtgaagga	agaagcagtg	tagccccaag	360
tgccctgcat	ttgctcttct	aacaaagtgc	tgtttgttga	cggactgacc	ggcttaccga	420
cacaaagatg	ggaagcaaat	ggagagacgg	atcaaggccc	ttcctcggca	tctggaggaa	480
gcttgggcga	gtgtcttggt	cgccagagct	cagagctctc	cgctgaactc	ttatctccaa	540
cttggcaact	agaccgcgag	cttgcggaagc	aaggagagga	cagggatggt	cacctaccga	600
gaacc						605

<210> 20
 <211> 638
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(638)
 <223> n = A,T,C or G

<400> 20						
gccaccccaa	ccttcagcaa	ccaccacccg	gatcagtcag	cagccatcaa	cgttgaggca	60
agaccctcct	ccagcaaaaa	gattacaact	caatgaagac	tcagatgatt	attagcattt	120
ttattagtaa	tatattaata	aatatttgtt	tttattaata	gcaataaagt	gtttttaatt	180
aagtgatctg	gaactgaacc	tgtaatatgt	ccaagggtatg	cttctaataca	gccaaaatga	240
taaacctatca	gattgaaaaa	acttccagag	ttaatatatt	aaaagagatg	gagtccttact	300
acgttgccca	ggctgtcctc	gaactcctgg	gttcaaggga	tcctcctgcc	tcagcctcct	360
gagtagttgg	gaatagttcc	aaaactattg	gaaatagagg	catgagccac	ggtacccagc	420
cttttcttac	atttatctct	ttcctttaac	caatatggct	ncatccaaat	taactttctg	480
ttgaattcta	tttcaagggtg	cagaaattaa	gtttttgngc	tttatacata	atagggnatac	540
nagtaatatt	ttgnгааата	catctatnat	gntangggaa	actaagggtat	tcttttctg	600
tttggaaattg	ggggaaaaat	gttattatca	aataagaa			638

<210> 21
 <211> 493
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 21						
atctcagagg	aagaagcacc	taagcccact	ggggagaaaa	caccaccaac	accatttttc	60
tgcagagctg	aggaccacat	cttccatttc	ctttgaagaa	agaattttct	ccatcacaaa	120
agagtcttta	tgccctctgc	caagagagga	cacagcattc	ctcacttcca	gaagactcag	180
tggtccagga	gccatcttgg	aagcagagac	cagagagacc	ctcaccagac	aatgaatcta	240
ctagccccct	gatcttgaac	tttccagcct	ccagtactgt	gtgaagcaaa	tttcggttct	300
ttataaatta	tccactctca	ggtattttgn	tatagcagtg	caaattggact	aagacaatgt	360
ccttcttggg	gatgccagtg	gtccctgtgg	tgagttgctg	tctgagatac	ttgaaatgtc	420
ctttgtgtat	agtctctgct	tctctcttgg	ctatacattg	aaaaaatata	ggtgacgact	480
ttgaaaaaaa	aaa					493

<210> 22
 <211> 630
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 22

gatcgaggcc	atcaagctac	agatggtcct	acaaatggca	cccaaataga	gctcaactca	60
caacttctac	tgaggacccc	tggaaccaacc	cactggccct	ttgactggcc	tagagaattc	120
acctccagag	gacactacaa	ctgcagggcc	ccttcttcgc	ccctatccag	caagaagtaa	180
ctagagcggg	catcacccaa	ttcccaacag	cagctggggc	gtcctgttta	gacgggggta	240
gggggagatt	gagaggtgaa	gccagctgga	cctcctgggt	tgactgcaga	cttgaggaaac	300
ttttctgtct	tacgagagga	ttgtaagatg	caccaatcag	cactctgtaa	aaacacacca	360
atcagtgtct	tgtagctagc	aagaagattc	taaaatgcac	caaccagcac	tctgtaaaat	420
gcaccaatca	gcgctctata	aaatgcacca	atcagcgctc	tgtaaaatgc	accaattagc	480
aggatcctaa	aagtagccaa	tcacagggag	aactgaaaaa	agtgcactcg	gataggaaag	540
aaacagaacg	tggaagggc	caataagggg	ataaaagctg	gncacttcag	ccaagcaagc	600
aacaacccgc	tcangtcccc	tttcacactg				630

<210> 23
 <211> 406
 <212> DNA
 <213> homo sapiens

ggacgggggc	agagaaattc	tagccagaaa	agtgtgggtc	actgacaaac	cgccactctc	60
aagccaaaaa	acctgaaacc	acaggccaaa	gtgagagctt	atatacctgt	tttcccactt	120
gaatgctgct	ttttcctcaa	ccacccttg	ccccgccc	cgccatcctg	tgccatttaa	180
aacccagac	tcagctagta	catgggacta	tggtgggacg	tggaagaaaa	gcagcttgac	240
ttcagaagga	cagcttaaca	gcgtaacttc	ggagaagaat	ctggctggag	atgacctgac	300
ttcaggggaa	ggtaatcttc	ctaccccttc	cgatttacag	ctccccttcc	cactgagagc	360
cactttcatt	agcaataaaa	tcccccgcat	ttaccatcaa	aaaaaa		406

<210> 24
 <211> 203
 <212> DNA
 <213> homo sapiens

taagtcagac	tgagcaggac	cgagcaccac	aggaggatct	tgggagccat	gtgctgatga	60
ctcagaactt	ctgccagcct	ggaatcctca	atgactgcac	aaagcacagt	ctactcacc	120
actccctccc	tagaccgccc	tcaacgcggc	ttttatagga	aatgaaaaat	aaattctatt	180
cttattgtct	cacaaaaaaa	aaa				203

<210> 25
 <211> 292
 <212> DNA
 <213> homo sapiens

ggtcgcaggc	tggaagggtg	gaatatgcc	tagatgctgg	agcagcgagg	tgcaaacgcg	60
gcggcaggaa	gtttctcgac	acctcagctt	cttgagtagc	cgggactaca	ggcatatgct	120
accacgcctg	gctaataatt	gtattttttg	tagagacgag	gcttcaccat	gttaccagg	180
ctgatctcaa	actcctgagc	tcaagcaatc	ctcccacctt	ggcctcccaa	agtgtgggga	240
ttacagggat	gagccactac	agccagtcaa	taaaattact	tttaaaaaaa	aa	292

<210> 26
 <211> 298
 <212> DNA
 <213> homo sapiens

gtcgcaggct	ggaagggttg	aatatgccct	agatgctgga	gcagcgagg	gcgaacgcgg	60
cggcagggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcataatgct	120
ccacgccttg	ctaataattt	tatttttttg	agagacgagg	cttcaccatg	ttaccaggc	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagcca	aaaaaaaaa	298

<210> 27
 <211> 384

```

<212> DNA
<213> homo sapiens

<400> 27
gcataactga aggtgaaagg acagaatcac cgtgtgttac tggcacaaga tgcacggtct 60
agtgaagaaa gaagacattc aaactagtcc cgctctgtcg cccagtctgg agtgcagcag 120
cgccatcata gctcactgcc acctagaagc cgggggtgaag caatcctcct ccatcagcct 180
tcagagtagc tgggactacc tgcgcggccc accacacccg gctaattctt gtgggtttttg 240
ttttgttttc cgttctgggt ttccgctcgg cgcagtggct caggcctgca atcccagcac 300
tttgaaggc agaggtgggc ggatcacccg aggtcggaga ccagcctgac caacatgaag 360
aaatcccgtc tctactaaaa aaaa 384

<210> 28
<211> 314
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(314)
<223> n = A,T,C or G

<400> 28
ttgagatgaa ccaggcctgn agaccaagct gcaaaattcc agaaatgncc tccaggttgt 60
tagtctacaa cccagccatc gtcaagataa cattagactg cgttccaggc ggaccatgac 120
tcaagatagc caccagacca aggcacggac acctagcacc cagcaccact cctgcatgcc 180
tcccactcta agttcccctt tataaacacc tctccacagt cgaaagtgtg aaatcgtctt 240
ttaaggcat gagcttgccc attcccagat cttggcattt gaataaagta gctntctggt 300
catcacaaaa aaaa 314

<210> 29
<211> 329
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 29
ctggggagct cctgcttnag gcaaaactnn ggtcgcaggc tggaagggtg gaatatgccc 60
tagatgctgg agcagcgagg tgcgaacgcg gcggcaggaa gtttctcgac acctcagctt 120
cttgagtagc cgggactaca ggcatatgct accacgcctg gctaataatt gtatTTTTTg 180
tagagacgag gcttcacccat gttaccaggc ctgatctcaa actcctgagc tcaagcaatc 240
ctcccacctt ggcctcccaa agtgctggga ttacagggat gagccactac agccagtcaa 300
taaaattact tttaaaagcc aaaaaaaaaa 329

<210> 30
<211> 298
<212> DNA
<213> homo sapiens

<400> 30
gtcgcaggct ggaagggttg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg 60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta 120
ccacgcctgg ctaatatatt tattttttgt agagacgagg cttcaccatg ttaccaggc 180
tgatctcaaa ctctgagct caagcaatcc tcccaccttg gcctcccaa gtgctgggat 240
tacagggatg agccactaca gccagtcaat aaaattactt ttaaaagcca aaaaaaaaaa 298

<210> 31
<211> 292
<212> DNA

```

<213> homo sapiens

<400> 31
ggtcgcaggc tggaagggtg gaatatgcc tagatgctgg agcagcgagg tgcgaacgcg 60
gcggcaggaa gtttctcgac acctcagctt cttgagtagc cgggactaca ggcataatgct 120
accacgcctg gctaataattt gtattttttg tagagacgag gcttcacat gttaccagc 180
ctgatctcaa actcctgagc tcaagcaatc ctcccacctt ggctcccaa agtgctggga 240
ttacagggat gagccactac agccagtcaa taaaattact tttaaaaaaa aa 292

<210> 32

<211> 105

<212> DNA

<213> homo sapiens

<400> 32
agaaaaatga ctcacatgt gaaagagaag agtaatacaa ttaacctgac tttaaatcac 60
aaacaatgga gatcagaaga taatggagag gcactgaaaa aaaaa 105

<210> 33

<211> 250

<212> DNA

<213> homo sapiens

<400> 33
gcttgcaagc tgctgaagga caggggagca gttgtagcca tcttgacccc caactcatac 60
accgtggccc aggtcttacc cagtgccttag cactctgtag tacttaaaac cacacttgct 120
atattcacct gaagtctctg aagtgagaag cctcaaatga aatactcaag accagaatct 180
ctttactctt tctggtctga gcaagtggga ggtgagagaa taaaactggg aagtgttgga 240
aaaaaaaaa 250

<210> 34

<211> 366

<212> DNA

<213> homo sapiens

<400> 34
gggcattcgg ataagccatc atatctcctg tgacctgcac gtacacatcc agatggccgg 60
ttcctgcctt aactgatgac atttcaccac aaaagaagtg aaaatggcct gttcctgcct 120
taactgatga catggtcttg tgaaattcct tctcctggct catcctggct caaaagctcc 180
cctactgagc accctgtgac cccactctg cccgcagag aacaaccccc ctttgactgt 240
aattttcctt tacctaccgg aatcctataa aacggcccca cccctatctc cttttgctga 300
ctctcttttc ggactcagcc cacctgcacc caggtgaaat aaacagcttt attgctcaaa 360
aaaaaa 366

<210> 35

<211> 298

<212> DNA

<213> homo sapiens

<400> 35
gtcgcaggct ggaagggttg aatatgccct agatgctgga gcagcgaggc ggcgaacgcg 60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggattacag gcatatgcta 120
ccacgcctgg ctaatatgtg tttttttgt agagacgagg cttcaccatg ttaccagggc 180
tgatctcaaa ctctgagct caagcaatcc tcccaccttg gcctcccaa gtgctgggat 240
tacagggatg agccactaca gccagtcaat aaaattactt ttaaaagcca aaaaaaaa 298

<210> 36

<211> 193

<212> DNA

<213> homo sapiens

<400> 36
gtggctttta gacaccaca gcagcacacg gacctctgat tgggattcga cagacgggag 60

ccagaaagct	gtctgccctt	tttgcgatga	ctgggggaacc	ccacggagga	aaccaccaac	120
cccttcccca	acctgaggct	ggacgtgccc	tccctcaccc	ttcaataaac	ttcagacctg	180
tcaaaaaaaaa	aaa					193

<210> 37
 <211> 298
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 37						
gtcgcaggct	ggaagggttg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg	60
cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	120
ccacgcctgg	ctaataattt	tattttttgt	agagacgagg	cttcaccatg	ttccccaggg	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagcca	aaaaaaaa	298

<210> 38
 <211> 298
 <212> DNA
 <213> homo sapiens

<400> 38						
gtcgcaggct	ggaagggttg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg	60
cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	120
ccacgcctgg	ctaataattt	tattttttgt	agagacgagg	cttcaccatg	ttccccaggg	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagcca	aaaaaaaa	298

<210> 39.
 <211> 298
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 39						
gtcgcaggct	ggaagggttg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg	60
cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	120
ccacgcctgg	ctaataattt	tattttttgt	agagacgagg	cttcaccatg	ttccccaggg	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagcca	aaaaaaaa	298

<210> 40
 <211> 416
 <212> DNA
 <213> homo sapiens

<400> 40						
aggtttagact	tgttttcttat	atgtgatgcc	attccagcac	tggaactcatg	gaggctgagc	60
atattattcag	atggagtctc	actctgttgc	ccaggctgga	gtgcagtggc	gcgatcttgg	120
ctcactgcaa	cctccgcctc	caggattcaa	gcagttctgc	tgccctcagcc	tcccgaacag	180
gcgagcgcca	ccacactcgg	ctaatttttt	tatttttttag	tagatatggg	gttcaccata	240
ttggccaggg	tggtctcgaa	ctcctggcct	cgtgatccgc	cctccttggc	ctcccagagt	300
gctgggatta	caggtgtgag	tcaccacgcc	tggcctagtt	aatgagtttt	gacaattgta	360
ttcaccatg	taaccactgc	atcaataaaa	attgaatatt	tcaatcagaa	aaaaaa	416

<213> homo sapiens

```
<400> 44
agggttagact tgttttcttat atgtgatgcc attccagcac tggactcatg gaggctgagc      60
atattattcag atggagtctc actctgttgc ccaggctgga gtgcagtggc gcgatcttgg      120
ctcactgcaa cctccgcctc caggattcaa gcagttctgc tgcctcagcc tcccgaacag      180
gcgagcgcca ccacactcgg ctaatttttg tatttttttag tagatatggg gttcaccata      240
ttggccaggc tgggtctcgaa ctctggcct cgtgatccgc cctccttggc ctcccagagt      300
gctgggatta cagggtgtgag tcaccacgcc tggcctagtt aatgagtttt gacaattgta      360
ttcacccatg taaccactgc atcaaataaa attgaatatt tcaatcagaa aaaaaa      416
```

<210> 45

<211> 166

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(166)

<223> n = A,T,C or G

```
<400> 45
tctatggtag tcggaccatg gagccataca ggattttttt ccaggaaagc cattccgtca      60
gaggggttca aggtgatgaa aagttggcaa actgcagctt acatcaaagg cattgtttcc      120
ccaagccatn gaanaatctg anaactggct tttttgattt ttatga      166
```

<210> 46

<211> 195

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(195)

<223> n = A,T,C or G

```
<400> 46
ccctggctaa ggggtctttt ccaccaggt tggagtgaag tggcccaata tcaactcatt      60
gcaacctctg cctcctggct canactctcc tncagcctca gtcttccgag tagctgggac      120
cacaggtgca caccaccaca cctggctaat tttctgtata aaaataaata atttttctaa      180
tgctttaaaa aaaaaa      195
```

<210> 47

<211> 540

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(540)

<223> n = A,T,C or G

```
<400> 47
gatttctggt gaagcacggt tgaagaaaca nactggttgg aaagcagcgt gaagtatgcc      60
cctgtggaag cactaccggg agccaaggag attgccctct catcgcgggg ccagtcctag      120
aagccacttc ttccccaagg caatggcagg aggaaagatt tgacttagtg tggggatgat      180
aaagatcagg aggttgacgc acatcatcat aggaagatac agagaggctg tgaggagcaa      240
gacaagtctg aaagccacca agagggagac agtactaggg agacttggca gggttttag      300
taaagcgaaa ctttgccagt cattagaaat tagtttagag gcattaaaat gctgccccaa      360
tcttggaag ataaacttgt gctctggtga attattcctc tctctctccc taattcctaa      420
ttgcaagaaa gttgctctag aatcagcttg ggactgaggg gttgattgtg gtggatttgc      480
tcccctctc cactgcacc ttggcattac ctaagttccc ccttattggg tgctcatatc      540
```


<222> (1)...(590)

<223> n = A,T,C or G

<400> 52

aacaggaagc	cattggagag	tcctgagcag	agaaaggact	gacctgcctc	atgtttttaa	60
tctggctgcc	gtattggaag	tagattggag	gaaaaaaaaa	tggagccct	gggaccacc	120
atcatgaaca	atcggggaga	agacaagagg	ccagcaaagg	aatgaacaca	gggacgcatg	180
agacatttgg	tgccgaagac	ctgggtcagc	gggactcctt	tgggagacca	gtcccccatc	240
ctcaccctca	ctctgtgaag	agatccacct	acgaccttgg	gtcctcagac	caaccagcct	300
aaggaacatc	tcacctattt	taaatcggac	aggaatgtca	ggcctctgaa	cccaagctaa	360
gccatcatat	cccctgngac	ctgcatttat	acatccagat	ggcctgaagc	aaatgaagat	420
ccacaaaaga	agtaaaaaata	gccttaactg	atgacattcc	accattgnca	tctgcctacc	480
cttaactgag	aaagatatat	tctcccccg	cttaagaagg	gctttggatt	gcctatcccc	540
aacctataag	aactaatggt	natcccagcg	ncctttggtg	actctttttt		590

<210> 53

<211> 367

<212> DNA

<213> homo sapiens

<400> 53

cgatctataa	ctacaatgct	tctcaagatg	tggagctctc	cttgagatc	ggtgacacag	60
ttcacatcct	ggagatgtac	gaggggttgg	acagaggata	taccctccaa	aataaatcta	120
aaaaggcagt	tggttccagg	acccccacaa	taccgaaatc	catggatgct	caagtctctg	180
atataaaatg	gcatagtatt	tgcataaac	ctctgcattt	cctcccgtgt	acttttaa	240
atgtctagat	tatttataat	acctaataca	atgtaa	tatgtaagta	gttattatac	300
cgtattgttt	agggaataat	gacaaggaaa	taaacctctg	cttacttttt	tttctctata	360
aaaaaaa						367

<210> 54

<211> 410

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(410)

<223> n = A,T,C or G

<400> 54

ggacgggggc	agagaaattc	tagccagaaa	agtgtgggtc	actgacaaac	cgccactctc	60
aagccaaaaa	acctgaaacc	acaggccaaa	gtgagagctt	atatacctgt	tttccactt	120
gaatgctgct	ttttcctcaa	ccacccttg	ccccgccctg	cgccatcctg	tgccatttaa	180
aaccccagac	tcagctagta	catgggacta	tggctggacg	tgggagaaaa	gcagcttgac	240
ttcagaagga	cagcttaaca	gcgtaacttc	ggagaagaat	ctggctggag	atgacctgac	300
ttcaggggaa	ggtaatcttc	ctacccctc	cgatttacag	ctcccttcc	cactgagagc	360
cactttcatt	agcnatnaaa	atcccggat	tttaccacca	ttaaaaaaa		410

<210> 55

<211> 280

<212> DNA

<213> homo sapiens

<400> 55

agaacaccac	cactaatggg	aagactgccc	cctgaccggc	acatggcctc	agcattcatc	60
cacagatgct	cctcaaattg	ttttaaaaac	agcttttttt	aaaagctgtt	tgtctatgaa	120
gattaaatga	gttaataata	taagcaaagc	actttgcatg	gctactgggc	acggtgggtc	180
atgcctgtaa	ttccagcact	ttgggaggcc	gaagcagggtg	gatcacctga	ggtcaggagt	240
tcaagaccag	cctgatcaac	atggcgaaac	cctgtctcta			280

<210> 56

<211> 484

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(484)

<223> n = A,T,C or G

<400> 56

aatataagcc	ccatgagggc	agagggtttt	gtgttttgtt	gctgctgttt	ccaggcattt	60
gtaatgggac	ccggagcatc	ttcagaagag	gggttgttga	acagagctcc	accgacgcaa	120
tgcccaggca	taaaaaggcc	aggccggaga	gaccgccacc	agtcacggac	cctggaccca	180
gcgcacccgc	accatggccg	gccccagcct	cgcttgctgt	ctgctcggcc	tcctggcgct	240
gacctccgcc	tgctacatcc	agaactgccc	cctgggaggc	aagagggccg	cgccggacct	300
cgacgtgcgc	aagacggctg	ccacgccgac	cctgcctgcg	acgcggaagc	caccttntnc	360
caacgcttaa	acttnganng	nttcnnanna	accttcnaaa	cggcgccatt	tngtttcccc	420
catagccacc	ccagaaaatg	gtgaaaatta	aaataaagca	ggttttttct	cctctaaaaa	480
aaaa						484

<210> 57

<211> 401

<212> DNA

<213> homo sapiens

<400> 57

ggacgggggc	agagaaattc	tagccagaaa	agtgtgggtc	actgacaaac	cgccactctc	60
aagccaaaaa	acctgaaacc	acaggccaaa	gtgagagctt	atataacctgt	tttcccactt	120
gaatgctgct	ttttcctcaa	ccacccttg	ccccgccctg	cgccatcctg	tgcttattaa	180
aacccagac	tcagctagta	catgggacta	tggctggacg	tgggagaaaa	gcagcttgac	240
ttcagaagga	cagcttaaca	gcgtaacttc	ggagaagaat	ctggctggag	atgacctgac	300
ttcaggggaa	ggtaatcttc	ctaccccctc	cgatttacag	ctcccccttc	cactgagagc	360
cactttcatt	agcaataaaa	tccccggatt	taccatcct	t		401

<210> 58

<211> 395

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(395)

<223> n = A,T,C or G

<400> 58

cctgctgacc	tgatgaagta	agcngccttg	tcnggaaagc	ctacatggnn	aggaactgca	60
gatggcctct	angaaactng	agtggccttt	aggagctgaa	gttggcctcc	aatcancaag	120
aanccagggc	acttantnct	actgcggna	ggaantacat	tctgccnacc	atctnaatga	180
gcttgggaagn	ggattcttnc	caagccaagc	cttcatataa	gaatgongcc	cacctgacac	240
attcataaca	gctgagcaga	ngacccaatt	aanccgngcc	tggactcttc	atccacagaa	300
acttcgagat	aatcgatgca	tgttgcgtta	accatgacgg	ttgngataat	tcgttatgca	360
gcaatagatg	actaacacac	ttcttttaaa	aaaaa			395

<210> 59

<211> 300

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 59

gtcgcaggct	ggaaggttgg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg	60
------------	------------	------------	------------	------------	------------	----

cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	120
ccacgcctgg	ctaataatttg	tatnttttgt	agagacgagg	cttcaccatg	ttaccaggc	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagccc	caaaaaaaaa	300

<210> 60
 <211> 337
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 60						
gaacatgggt	agacctctga	gccaagcct	gcatgtgtac	atccagttgg	cctgaanaaa	60
ttggngaate	acanaagaag	tgaaaatggc	cggntcctgc	cttaactgat	gacattacct	120
tgtgaaattc	cttctcctgg	ctcanaagtt	ccctntactg	aacaccttgt	gacccccacc	180
cctgnetgca	agagaaaaac	cccttttggc	tgtaattntn	cactaccac	ccaaatncta	240
taaaactgcc	ccaccctatc	tccctttgct	gactctctgt	ttggactnag	cccacctgct	300
nccaggtaat	taaaaagctt	tattgcttaa	aaaaaaa			337

<210> 61
 <211> 298
 <212> DNA
 <213> homo sapiens

<400> 61						
gtcgcaggct	ggaaggttgg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg	60
cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	120
ccacgcctgg	ctaataatttg	tatnttttgt	agagacgagg	cttcaccatg	ttaccaggc	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagcca	aaaaaaaa	298

<210> 62
 <211> 293
 <212> DNA
 <213> homo sapiens

<400> 62						
gtcgcaggct	ggaaggttgg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg	60
cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	120
ccacgcctgg	ctaataatttg	tatnttttgt	agagacgagg	cttcaccatg	ttaccaggc	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagcca	aaa	293

<210> 63
 <211> 290
 <212> DNA
 <213> homo sapiens

<400> 63						
gtcgcaggct	ggaaggttgg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg	60
cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	120
ccacgcctgg	ctaataatttg	tatnttttgt	agagacgagg	cttcaccatg	ttaccaggc	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagccc		290

<210> 64
 <211> 385
 <212> DNA
 <213> homo sapiens

<400> 64
gcataactga aggtgaaagg acacgaatca ccgtgtgtta ctggcacaga tgcacgcgct 60
agtgaagaaa gaagacattc aaactagtcc cgctctgtcg cccagtctgg agtgcagcag 120
cgccatcata gctcactgcc acctagaagc cggggtgaag caatcctcct ccatcagcct 180
tcagagtagc tgggactacc tgcgcggccc accacacccg gctaattctt gtgggttttg 240
ttttgttttc cgttctgggt ttccgtcggt cgagtggtcg caggcctgca atcccagcac 300
tttgaaggc agaggtgggc ggatcacccc gaggtcggag accagcctga ccaacatgaa 360
gaaatcccgt ctctactaaa aaaaa 385

<210> 65
<211> 299
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

<400> 65
gtcgcaggct ggaaggttgg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg 60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta 120
ccacgcctgg ctaatatattg tttttttgtg naaanacaag gnttnaccat gtnaccagg 180
ntgatntnaa actcctganc tnaancaatc ntcccacntt ggctcccaa agggctggna 240
ttacagggat nanccantac agccagncaa taaaattant tttaaaagcc aaaaaaaaa 299

<210> 66
<211> 298
<212> DNA
<213> homo sapiens

<400> 66
gtcgcaggct ggaaggttgg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg 60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta 120
ccacgcctgg ctaatatattg tttttttgtg agagacgagg cttcaccatg ttaccaggc 180
tgatctcaaa ctctgagct caagcaatcc tcccaccttg gcctcccaa gtgctgggat 240
tacagggatg agccactaca gccagtcaat aaaattactt ttaaaagcca aaaaaaaaa 298

<210> 67
<211> 148
<212> DNA
<213> homo sapiens

<400> 67
gtcgcaggct ggaaggttgg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg 60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta 120
ccacgcctgg ctaatatattg tttttttt 148

<210> 68
<211> 298
<212> DNA
<213> homo sapiens

<400> 68
gtcgcaggct ggaaggttgg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg 60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta 120
ccgcgcctgg ctaatatattg tttttttgtg agggacgagg cttcaccatg ttaccaggc 180
tgatctcaaa ctctgagct caagcaatcc tcccaccttg gcctcccaa gtgctgggat 240
tacagggatg agccactaca gccagtcaat aaaattactt ttaaaagcca aaaaaaaaa 298

<210> 69
<211> 299
<212> DNA

<213> homo sapiens

<400> 69

gtcgcaggct	ggaagggttg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg	60
cggcagggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	120
ccacgcctgg	ctaataattt	tattttttgt	agagacgagg	cttcaccatg	ttaccagggc	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacaggggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagccc	aaaaaaaaa	299

<210> 70

<211> 298

<212> DNA

<213> homo sapiens

<400> 70

gtcgcaggct	ggaagggttg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg	60
cggcagggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	120
ccacgcctgg	ctaataattt	tattttttgt	agagacgagg	cttcaccatg	ttaccagggc	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacaggggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagcca	aaaaaaaaa	298

<210> 71

<211> 406

<212> DNA

<213> homo sapiens

<400> 71

ggacgggggc	agagaaattc	tagccagaaa	agtgtgggtc	actgacaaac	cgccactctc	60
aagccaaaaa	acctgaaacc	acaggccaaa	gtgagagctt	atataacctgt	tttcccactt	120
gaatgctgct	ttttcctcaa	ccacccttg	ccccgccctg	cgccatcctg	tgcctattaa	180
aacccagac	tcagctagta	catgggacta	tggctggacg	tgggagaaaa	agcagcttga	240
cttcagaagg	acagcttaac	agcgttaactt	cggagaagaa	tctggctgga	gatgacctga	300
cttcagggga	aggtaatctt	cctacccctt	ccgatttaca	gctccccttc	cactgagagc	360
cactttcatt	agcaataaaa	tcccccgcat	ttaccatcaa	aaaaaa		406

<210> 72

<211> 384

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(384)

<223> n = A,T,C or G

<400> 72

gtcgcaggct	ggaagggttg	aatatgccct	anatgctgga	ncancgaggt	gcgaacgcgg	60
tcggcaggaa	gtttctcgac	acctcacctt	cttnagnntc	cgggactaca	ggcatatgct	120
accacgcctg	gctaataatt	gtatttttng	taaagacgag	gcttcaccat	gtnacccagg	180
ctgatctaaa	actnctgagc	tcaagcaatc	ctnccacctt	ggntcccaa	agtgctggga	240
ttacagggat	gangccacta	cagccagtca	atanaattac	ttttaaaagc	ctgggaggcc	300
aaggcgggta	aaatcacctg	tggtcaggag	ttcaagacca	gcctgaccaa	catggaaaaa	360
cccagtctct	actaaaaata	caaa				384

<210> 73

<211> 384

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(384)

<223> n = A,T,C or G

<400> 73
gcataactga aggtgaaagg acaagaatca ccgtgtgtta ctggcacaga tgcacggct 60
agtgaagaaa gaagacattc aaactagtcc cgctctgtcg cccagtctgg ngtagcagcag 120
cgccatcata gctcactgcc acctagaagc cggggtgaag caatcctcct ccatcagcct 180
tcagagtagc tgggactacc tgcgcggccc accacacccg gctaattctt gtgggtttttg 240
ttttgttttc cgttctgggt ttccgtcggg cgagtggtgct caggcctgca atcccagcac 300
tttggaaggc agaggtgggc ggatcacccg aggtcggaga ccagcctgac caacatgaag 360
aatccccgtc tctactaaaa aaaa 384

<210> 74
<211> 555
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(555)
<223> n = A,T,C or G

<400> 74
gatcgaggcc atcaagctac agatgggtctt acaaattggca ccccaaatga gctcaactca 60
caacttctac tgaggacccc tggaccaacc cactggccct ttgactggcc tagagaattc 120
acctccagag gacactacaa ctgcagggcc ccttcttcgc ccctatccag caagaagtaa 180
ctagagcggg catcacccaa ttcccaacag cagctggggg gtccctgttta gacgggggta 240
gggggagatt gagaggtgaa gccagctgga ctccctgggt tgactgcaga cttgggagaac 300
ttttctgtct tacgagagga ttgtaaaatg caccaatcag cactctgtaa aaacacacca 360
atcagtgtct tgtagctagc aagaagattc taaaatgcac caaccagcac tctgtaaaat 420
gcaccaatca gcgctctata aaatgcacca atcagcgctc tgtaaaatgc accaattagc 480
aggatcctaa aagtagccaa tcacagggag aactgaaaaa agtgcactcn gataggaaag 540
aaacagaacg tggga 555

<210> 75
<211> 163
<212> DNA
<213> homo sapiens

<400> 75
gtgctgctgt gcttctgctg acctactgga catactttgt ttggtttcaa agtcaaggag 60
tgacattccc atatggatat ttccctatgaa aaccaagttt gtgatttatt cttatttcat 120
cctggaaaaa gtaacagtgt ttatccttaa ctaaggaaaa aaa 163

<210> 76
<211> 235
<212> DNA
<213> homo sapiens

<400> 76
gtgggtctt tcagtatgca cgagtgtgaa aggagcctgc tacagaacaa ggaagaggac 60
caacatttta ggatacagca gaagatgaag aagctaagca agacggctgg gcaggggtgag 120
tactcttgt aatcccagca ctctgggagg ccgaggcggg tggatcactt gaagtcagga 180
gtttaagacc agcctgggca acacggtgaa acccgtctcc tactaaaaat acaa 235

<210> 77
<211> 362
<212> DNA
<213> homo sapiens

<400> 77
ctgttggttca tcaatttcctt ccctaatttg ttccaagatt aagctgactt gtcacagtca 60
tttccctcgtg gtccaccacc ctgccatgac ggttgaagga tagcatcatt gactggactt 120
gcttcattac tatggctttg cagaatggat caacctcagg tagccctatt acaaaaggaa 180
ctgactcagc tcaagagaaa agcttcaact ccctatgatt tcattctttga cccgaccaac 240
cagagctcct gactcaccca cccactaccc accaaactat ccttaagaac tctgatccct 300

gaatgctcgg gaaaatcatt ttgagtaaaa ataaaaactcc agtctcctgt acagccaaaaa 360
 aa 362

<210> 78
 <211> 248
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 78
 tatgcttata ttccacgatg atgantaccc cncntttctcc ctctgtntac ccagaagttt 60
 aagtnttacg cancacacca tgggaaaata ntnaacngac ttctgtttgg acatgaaatt 120
 gaagcaaaga gnttacaccn ntcanaancca gntttgaacc anntnngcac ggnctctgaa 180
 atctggcgga cgcttcctct gaatntgggc tcntaangac gcctaancaa caatctattt 240
 ggacttca 248

<210> 79
 <211> 222
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 79
 gacattcctt ctctctggata atgnntctgg agctccccnc caaacacctt gcgacccccg 60
 cccctgceca caagagcaca acccccttta actgtaattt tccactacct acccaaatcc 120
 tataaaactg ccccaacccc atttcccttt gctgactctc ttttcggact caaccactt 180
 gcacccaagt gaaataaaca gccttggtgc tcacaaaaaa aa 222

<210> 80
 <211> 174
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(174)
 <223> n = A,T,C or G

<400> 80
 tgcccacctt ggcctcncaa ngngctggga ttacaggtgt gagccantgt gcccnnnan 60
 tattgatgaa tataatacct gacatgtgaa ctctgangna tgtgngagag atccanntgt 120
 ctggtgatcc tgaaagaaca tgaaaaana nggggcnttc catggtcctt attt 174

<210> 81
 <211> 371
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(371)
 <223> n = A,T,C or G

<400> 81
 agagccctca ccagccatca catntggtgg cacctngaac ttggacttnc canntccag 60

gactcgantg	aagactgaca	cangccgatc	gcctnggaag	ccccntgggc	catcgatgga	120
cgccgagctt	cgggnaactc	ttacagtggg	ngacaggant	gncangcctc	tgancccaag	180
ctaanccatc	atatccccc	tgacctgcnc	gtatatatna	agatggcctg	aagcaactga	240
ngatccacag	aagtgaaaat	agccttaact	gatgacattc	caccattgng	atttgtttct	300
gngcccaccc	taactgatca	atgnactttg	taatctgccc	cacccttaac	aaggttcttt	360
ataatgtacc	c					371

<210> 82
 <211> 540
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(540)
 <223> n = A,T,C or G

<400> 82						
ggtttccctc	tggtgccaag	gctggagggc	acgtggtgtg	atcttggtctc	actgcaacct	60
ctgcctcctg	ggttcaagct	attctcgtgc	ctcggcctgc	caagtagctg	ggattacagt	120
cgcgcgctac	caagcccggc	taatttttgt	atTTTTTgtg	gagacggggt	tttgccatgt	180
tggtccaggct	ggtctcaaaa	tcctggcctc	aagcgatcca	cccgcctcga	cctaccaaaag	240
tgctgggatt	acaggcgtga	gccaccgcgc	cgggccagct	gatagttctt	agtgatcaat	300
tgactgtggg	ctggaacctc	aggggaggtg	ccttacctct	gggaatcttc	tggtactgac	360
agggctcttg	tccatcacc	aggtcctaa	tgaaagtggc	atgatctcac	tactgcccgg	420
cttgacctcc	tgagctcaaa	tgatcctccc	acctcaacct	catgagtagc	taggactgca	480
ggcatgaanc	attggacccc	agcaataaat	agcctttttt	ggnnttgccc	caaaaaaaaa	540

<210> 83
 <211> 396
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 83						
ggtctcgctt	tgctgcccag	actggagtgc	agtggatga	taaacagctc	actgcaggct	60
caacctccca	ggctcaagcc	atcctccccc	ctcagccccc	gagttgctga	gactagaggc	120
aggcaccatc	atgccaggct	ccactggcag	agcagcagag	cggaacagca	gagaaggagg	180
gaagagaaga	agcagctgga	acattggaga	gaagcagctt	gacttcagag	ggacaacttg	240
acagcaggac	tttgaggaga	agtttgcca	gggatggaac	taagctggcc	gaactccaag	300
ggaagactac	cttcccactc	catccttctc	actccatccc	ctttctagct	gcccactcctg	360
ctgagagnca	ctttnatagg	caataaaatc	cccccc			396

<210> 84
 <211> 277
 <212> DNA
 <213> homo sapiens

<400> 84						
aactgaggag	ttatgattcc	actgttagaa	ggacacacag	aaaagttatc	attggaactg	60
gcatcttgct	cttcttcctc	ctcttcctct	gtccgaacaa	ttccttcaga	aagtaggtta	120
agatcgagg	ctctgggtatc	aggaagtctg	aattctggat	tggaacagtc	tataaacttc	180
ggcaattaag	atctctttta	cctattttaat	gtctacctca	ttgagatgct	gcaagttgta	240
cataatataa	ggccagagtc	gtcagcaaaa	caacaaa			277

<210> 85
 <211> 232
 <212> DNA
 <213> homo sapiens


```

<400> 85
gccgagaagt tccagggttta ggagccatat ctggtgagag ccttcttgct ggtgcagatt      60
ctgtggcatc ccaaggcagc acagggcatc acatgggaga agccagccat cagtctgcaa      120
ttcataaaag gaccctcatg agaacctaac catgatgcta ccctgatctt ggactttcca      180
ggctccagaa ctgtgaaaaa taaatttatg ttatttataa gccaaaaaaa aa              232

<210> 86
<211> 484
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 86
ctgtgtgagc tacatntnta ggctgaaact gagaccggg aagttgaagc ccggccttgg      60
agactcgagg aagccccgct cgcgctggtg cgctctgcac ggtctgccgt tgtcaagaag      120
tgattccatt tttaaaggga agacaagagc tgaaagtttt ttgtttgaaa atggaagagg      180
ggataagtac gtccctagtt tccctccacc ccaaaattcc cttactttca aatttggggg      240
tctttaccgn tgncgagaac aggggaaaca tcctgagggg atcgggtcca tcctgcagtt      300
agcaaagagg aaccgcgcgc cctcgagtcc tcgcgctgga aaccgggcgg cggcgccagg      360
gtgagcactt cttgcgttcg caacgtgctt aattaacgcc tatttacaaa acgcagcttt      420
tatttgagca aacatcataa agctttcatc angataatct cacgttatac aatctggagg      480
acaa                                              484

<210> 87
<211> 188
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 87
aaccctgata togettatgn naggetaagg nctanttacn atgaannttn tacgncnttc      60
cctnagcata cattgtaaag agattttaat angttattgg atattgcttg aatctgggaa      120
tacttggttt gggggaggag ngatccccct gctttacttt caaataaata cataatcgca      180
aaaaaaaaa                                          188

<210> 88
<211> 317
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 88
aacacaaagc aaaaccagta aagagaaaat acactggggg gatgtctcaa ggaaactagg      60
cacaagcacc taagagtcct ctcccagtg gcatcacacan gacacacttg atttctccag      120
catcaagttg tgacaacaca tgtgaagatc taccaccaag aangccaagc gcccanaagt      180
ttttgttgga ngatgggcac atangcacc tttgnctaac atatactaaa ataccaactt      240
ccagaggaag gctgggggcc agcatcaacc ccactggttg acaanacctt tcaggccctt      300
ttaccactta aggaatg                               317

<210> 89
<211> 144

```

```

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 89
cgatcctgca cactgctgag gaaaactccc ttatgntacc tcttggtgaa ggattccaat      60
cctgcactgc ccactgaatn ccagaanann gttgacaaan ntctnnaanc tgcaaaagaa      120
tgactgctac atcacctgct gcct                                     144

<210> 90
<211> 651
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(651)
<223> n = A,T,C or G

<400> 90
ggaccttgcc cagactcaac ttccctcttc cccatggacc caagttgctg agcttccaac      60
aggtgtttac agcaaaggag aatgagacag agagaagcan agatgcagag agaaagacag      120
acagagaaga ctaaactgat tgatcccaac tccattatga tatctgactc caaccacaga      180
atgaccctga tccagccaca gactgacttc tgatcctggc cacagnccac ctccctgtcct      240
cagccacaga acagctctga ctcaagccag gaactgagtc ccgacccatg ttactgactt      300
actcatgata ctggttgacg gctggcccca gccacatgct gacccctgac cctcaccaca      360
gatggatctt tgatcccagc tataggctga tctctgattc tggctgccct gaaccaccac      420
tcctatatac tgatgaccca ccttagcgctg atccccacca ngaactggca tttnctggga      480
caggctcttg gncacctgct gctctgcctg ggcacaccaa gccctacgca tncctccctt      540
tcaccaccat ncatgatttc ctgatttcta acaacaaaat taacttgagt tggcaacata      600
actnggctgc tgaccttctn ttitggcatgg aaccccagaa caaggtcaca a              651

<210> 91
<211> 472
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

<400> 91
gaagctaccc agggctcctg ccattaaata ctggagctta atcncatggc acatntgnnt      60
atcaccttta ntagaagcta caactgcgtc tgccttctgc tttcatcacc tcaaagcaaa      120
atacccttat aaaagagggt tcagagagcc tatttgcccc ttctgcatg tgaggacaca      180
gcaacaagga gccactgatg aagcagagag ccctcgccag acaccaatct gntggcacct      240
tgatcttggg ttcacctgcc tccagaacta cgagaaataa ttgnctggtg nttataaatg      300
accagtccta aggggtctcac tctgctgcct aagctggagt gcaagtggca taatcttggn      360
tnactggacc ctcaancgtc tggattaagt gantctnccc ctcancttct tgagtaagct      420
ggcancacaa gngcatgtca ncatgcctgg ctaanatctt tactaatttg ga              472

<210> 92
<211> 557
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature

```

<222> (1)...(557)

<223> n = A,T,C or G

<400> 92

atggggtaac	acatagaaaa	ggcacggaga	agttaagtga	tttgccctgtg	gtcacaaagc	60
ctggttagcag	caaaccacga	acaagaacct	aagattttatg	accgccagtt	ccagctgttt	120
ttcttctgtca	tgtatcctca	gcaatcaaca	taatcaaaat	ctgtttggag	actactgatt	180
tgtataaaagg	aagataaacac	cgaacaacca	aacaggaagt	aatccagcga	atctggaaca	240
gcggtggaat	ttagaagcaa	ggccagatga	ggaccctaag	acctagagaa	actaagtcac	300
ttgctcaaga	agacaaaggt	aatcatcagg	aatcaacatg	agatttcagc	tcttctgac	360
cttagtacaa	catgtgaaag	aagatatggg	ggctttctta	caatgggggn	atttttctan	420
ctgngggtaa	attgggntcc	tntngnntan	ggacccaaac	tttgggtcca	ctcatcggct	480
atgcngggga	aaaggacttt	caggatcaaca	gctgnaactg	gtaaangaag	ttaatactnt	540
ggaaaaaaaa	aagggggg					557

<210> 93

<211> 583

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(583)

<223> n = A,T,C or G

<400> 93

accaggaca	ggaggactcc	ttcgagagac	cagtccccca	tccttgcctt	cactcgggtga	60
ggagatctac	ctatgacctc	aggtoctcag	accaaccagc	ccaaggaaca	tctcaccaat	120
ttcagatcgg	ntcttctcag	cttagcggct	gaagactgac	gctgcccgat	tgattgcctg	180
ggaagcctcc	tggaccatca	cagacgcctt	gggtaactct	tacagtggag	gacagggaatg	240
tcaggccggc	ctctgagccc	aagcatgcat	gtatacatcc	agatggcctg	aggcaactga	300
agaaccacaa	aagaagtga	natggctagt	tcctgcttaa	ctgatgacat	taccttgtga	360
cattccttct	ccgggacagt	gagtctccgg	agctccccac	tgagcacctt	gtgacccccg	420
ccctgcccga	agagaacaac	cccctttaac	tgtaattttc	caccacctac	ccaaatctaa	480
aaaacggccc	actcctatct	ccctttgctg	actccttttt	cggactcaag	ccaacctgca	540
cccangtgat	taaaaaagct	ttatttctca	ccccaaaaaa	aaa		583

<210> 94

<211> 392

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 94

ctctcgtgcc	cttctgccct	ccaccgtggg	atgatatagc	aagaagaccc	ccaccagatg	60
caacccttg	aacctggact	tcccagcctc	cagaactatg	agccaaatga	atttcttttc	120
tttataaatt	actcagtctc	aggtattctg	ttgtagtagc	acaaaactaa	gacactgccc	180
agtataccag	ctacatgtga	ctatcaagcc	cctgaaatat	ggatagtctg	aattgaaatg	240
tgcttagcct	ggcatgggtg	cttacatctg	gagtgccagc	tccttggggag	gctaaagcgc	300
gagggtccct	tgagcctagg	agctcgagac	tgacgtgaac	tatgaccaca	tcactgnact	360
tcancctngg	caacaanaat	gaaaccctgt	ct			392

<210> 95

<211> 581

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(581)
 <223> n = A,T,C or G

```
<400> 95
caccattgaa ggcactagtt attttaccaa ggctttgact ggaatggcat ggtttcagtt      60
ataaacagac tgctttaagg aatcaaagtt gacttacaga gctgataaaa ggcccctaag      120
aaaaactggc ctcacctctt gtcnatatag tccctatata ggtttcctga cctgtgtttt      180
ttgacttgga ctcaataaaa ttgctgctac ctttttactg aggccttaca agctaaagct      240
tattccttga gacacagaag ttccagggat tgaatcttga gacaatctgg gtgcctatgg      300
aattatctcc caccagaaga ttacttcaag gcagcagcta atttacaacc tggccaagcc      360
tgagatgggtg tcaacccatt ctcaagatgg gacaataact caagataagt catcaaaaca      420
agccacgtag accagcacca ccttttacgc ccccacccac caccacccac ccaccacata      480
tcctccatac caaacttccc cttcttaaac cctagcattt tgcccaagaa tttttgaagc      540
agtttcatta aggcaggagc ctgaccactt cccactggta g                                581
```

<210> 96
 <211> 461
 <212> DNA
 <213> homo sapiens

```
<400> 96
gttcttcac tgccaggagc ctgggatatt ggtgggtggct gttcaacagc agagacctcc      60
acagccacac acttccatat aacagctaga gagaagggaag ttgttaagaa acccacacca      120
acactgtttg ggtcagattg caaatctgca gcagatagta cactctatga taaataactg      180
cctaccactg ttccagagct gccaaagcaa tgggtccattc aacctctctg ctttctgaca      240
ctgaactggg gtgctcacc cccctttaac tgccacacca agagctgacg tgtttttagaa      300
tttccacgtt ctcccatgta gaatgccctt ccaccatcat tctggtcttc acctactcta      360
ttgctgctca gaaacccacc acttcctttt gtacctcaag ccaccttctt catttgatct      420
ctgaaggcca aatacagtag tatatcctag caaaaaaaaaa a                                461
```

<210> 97
 <211> 548
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(548)
 <223> n = A,T,C or G

```
<400> 97
agacaggaga ggacctggta cagacacaga ggagaaggcc atgtgaaaac agaggcagag      60
actggagtga cgctgccaca agccaaggaa cgcctggaac caccagagga tgacagcggc      120
aaggaaagggt tctcccaaca gagcctcggg agggagtgtg gcccggtga cacctgattt      180
cagacgtctg cctccagaa ctttgagaga acaaattcct gttgttttaa cccaccaagt      240
ttctggtaat ttattagagc agccctggaa aactaacaga gtttcccatc acatttagcg      300
taaaatccaa gctcctgcag cctctagatc aattcaaagg ctccctcttg cctcagagcc      360
ttcacctggc cattctcttc ctttacagtg ctcatcctca gattctcatc tcacccttca      420
ccactcccat cttccanggc tggtctctat accttactgn agtctctgna caaaaagccc      480
atccctaaga cttttcctga cttcaccaac aaaaagaatc cccttcgncc ctggcattac      540
tttttttt
```

<210> 98
 <211> 510
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

<400> 98

agatggggtc	tcactttgtc	accagggctg	ggctcaaact	cttggcttca	agcgatcttc	60
tcgccttggt	ctcccaaagt	gctgggatta	caggcttgaa	ctactgtact	cgactgactt	120
ttcctatccc	taatgtcagc	atgaagaaca	caagaagtca	gcttcaaaga	taatgaaaaa	180
taaaaccaag	attctcttct	ttgctgatga	agtcaggaag	gtggaaaggg	caaagcaaga	240
actctcactc	ttaccctatg	agtaatttca	atagaaatca	aaggcgttaa	cttctcgggt	300
cctcaatttt	ttcttctcta	aaaagaaaga	attgtttaat	aaaactcatc	caaggctaca	360
atcatcaatg	gcagctaaaa	ccacttagtg	aaagaatttt	tttttaataa	aaaaaggaca	420
ttggatgatg	tctcaactnc	caagcacttt	gatggtttga	cttgggaagt	ggngccctca	480
gtcacaccta	aaactatctg	gcggcagacc				510

<210> 99
 <211> 457
 <212> DNA
 <213> homo sapiens

<400> 99						
tttcatatat	atatattttg	agacaagggt	ctcactctgt	cacccaggct	ggagtgcagg	60
gttgtgatca	tagctcactg	cagcctcaac	ctcctggcct	caagcgatcc	tccagcctta	120
gcctccgaaa	gcaatggaat	tacaggtgtg	agccaccatg	cccagctctg	gaactcctta	180
aaactgatga	gaaaaggcaa	gttaaaagggt	cagaggaatt	agagtttgct	aagcctctga	240
gcccaagcta	agccatcata	tcccctgtga	cctgcaggta	tacattgaga	tggcctgaag	300
caactgaaga	accacaaaag	aagtgaaaat	tagccaattc	tgcctttact	gatgacattc	360
caccatcatg	atttgttcct	gccccaccct	aattaaccag	ttgaccttgt	gacattcctt	420
ctcctggaca	gtgaatctca	agagctcccc	actgagc			457

<210> 100
 <211> 216
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(216)
 <223> n = A,T,C or G

<400> 100						
agatgcctac	ttcaagctgg	ctccttgact	cttccacaca	cttcgattga	ccctcgggaa	60
ctgagtacag	gggaaaggcc	atcnancctt	catngggatt	ttgaaggang	gnggaaatac	120
agttttccca	gcaccattta	ttggagacta	tactttcccc	tttgcgctcca	cttgggcctt	180
ggtcgaaatt	tagttgacca	tgtatgtttg	catttt			216

<210> 101
 <211> 379
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 101						
agacaggatt	tcactatatt	gcccaggcag	gtctcaaact	tctgagatca	agtgattctc	60
ccaccttggt	ctatcgaagt	gctaggatta	caagcatcag	ccattgcacc	tggaaaggag	120
ccccaggcct	ctcaaaaagt	atgaaagaac	tgggaattcac	cagatcatca	catccagaca	180
atgagacacc	aggccctca	ttcatcatga	tggcttcttt	acccctatgg	agttcctggt	240
ttcccttaga	tagttacatt	tcttccctgc	tatataaacc	cccaatttta	gtcaatcccg	300
aagacggatt	tgagcttcaa	cttccatctt	ccttggctgn	agacctgatt	aaagccctct	360
tccgtggcag	taaaaaaaaa					379

<210> 102
 <211> 438
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(438)

<223> n = A,T,C or G

<400> 102

cgaaggaaga	acctcgtgct	ttccccatca	cggagagggg	gcgagagcatc	ctctaggagc	60
ttggaagaaa	gctgcgcca	gccagtcttc	ggggaggagc	tgcattacac	acaggcttcg	120
gaggcttccg	tggagaagct	tggagccgag	ccccagaaag	acagggtcaac	cacagaagtg	180
ctgagccagg	taaagaccct	gctggacaag	cagctggagt	gagaatcaag	acagctggac	240
cacaggacca	gacccagcag	tatccatgtg	acagatattc	agatacctac	atatctcttt	300
aaggattttg	gttgatgttt	tatgttttaa	aatgacnttt	agtttgaaaa	aaacgatgaa	360
actttntgaa	agatgaatga	gaagacctga	ataaaaagag	agatatacat	catgtgccag	420
ggccagaaga	attaaaaat					438

<210> 103

<211> 402

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(402)

<223> n = A,T,C or G

<400> 103

ctccagaaac	atggacaagg	agggactttc	ctgcctcttg	gagatcaaag	gggggaatgg	60
nagcanaagc	ccnagctttg	gggggctact	ttcagtggac	cagggcttaa	agaaggtttt	120
tcaagaatcc	tgggaattcca	gcaaaagaag	ctattggcaa	cccagtttga	aagaaccggc	180
ccccccgcct	nttcccaaga	gggaactgaa	tcaagcatga	aatgacagtt	tcttcatctc	240
accatcctgt	attcttcaac	cagtgatccc	ccacctcggt	cactccaact	cccttaaaat	300
acctagacct	aaacggctca	gacaggcaga	tttgaggntt	ccccctgtct	tncttatctg	360
gcagccttat	gatcaaactt	cctttctctg	ctggaaaaaa	aa		402

<210> 104

<211> 518

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(518)

<223> n = A,T,C or G

<400> 104

gtcttcctat	tccctggaga	cccaacaata	ttggaanagg	ggccantaan	aacccttnca	60
ngggctggaa	ttgggccagg	tgggaaaaan	aaatcgggtg	ccttcttcct	tttaaatcaa	120
aagctagaaa	tggattaaac	ttgctggagg	gaagggcatg	tttgaagctg	aaaccagact	180
ggaaagcaag	gccttcttgc	accaaaaggg	cccagttggt	aaagcaaagg	gaaaaattat	240
tgaagtataa	taagtgtccc	tcttagtaaa	ccaccanttg	gataagaaag	gcaaaacagc	300
cttattgctt	ggtacagaga	aagtttgagt	cgtttgggta	gaagatcaaa	ccagccacaa	360
catttcctta	agcaaaaagc	ctaatacaga	ngggcctaac	ttcttcttca	attcttntga	420
agacttaaga	agaggctgac	ttagaacccc	agacagggac	ttttgactta	agccttcccc	480
gccagaccaa	caagcaangg	nccttaaaaa	tggtggaa			518

<210> 105

<211> 295

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 105
 ctactgcctt cctcatcaac aaagtgtccc tttctggttg ncagggttgg accctttanc 60
 tttgggncaa cattctttcc tttangggnt ccataaagct tttttttgaa acctcttggc 120
 attttttgtt ggaccccttt gtgggagggg ctttaaggaaa gtggttgtaa aatgaagctg 180
 gggaccacaga ggctttcttg aaagcttgtg aaagaaaact gctgggaggg cgcttatcac 240
 cacttggttg tgaccatcaa agaataaaaag aagccggagg tggatggggg aaaaa 295

<210> 106
 <211> 392
 <212> DNA
 <213> homo sapiens

<400> 106
 taaatcttgc tgctgttcac tctttgggtc cacactgcct ttatgagctg taacactcac 60
 catgaaggtc tgcagcttca ctctgaagc cagcgagacc acaaaccac cgggaggaat 120
 gaacagctgc agacgcgcg ccttaagagc tgtaacactc accaggaagg tccgcagctt 180
 cactcctaag ccagcgagac caggaacccc accagaagga aaaaactccg aacacatctg 240
 aacatcagaa ggaacaaact ccggacacgc tgcctttgag aactgtgaca ctaccgtga 300
 gggtcgcggy cttcattcct gaagtcagt agaccaagaa cccaccaatt ccggacatgt 360
 ttcctcactt cctttatagc ttattttaa gt 392

<210> 107
 <211> 548
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(548)
 <223> n = A,T,C or G

<400> 107
 tcttcccatt ctggagtaaa gaggatgttg ctcttgtaag ggctggttg gaaaggagtc 60
 aagaagttgc caggagttaa ngactcaggg aggcatttgg accaggggac ctccaagttc 120
 aagttccctt ttacatcagc atattggaca ccaagcagct gggctctcaa gtgagacaga 180
 cctgtgtttg aatccaccat ttagtggctg tgtgatcatg tgcaacttac tcaacctctc 240
 agagcctcag tttcctcatt aataaagngg agataataat agaacacacc ttacaagaga 300
 tgggatcttg ctatgttgcc aggcctcaag tgatccttct tgcctctcaa agngctggga 360
 ttataggcgn gagccacagt gccaggcaa aatcactgng ggggagaagn caattctgct 420
 ataattctat gaagaaaatg nggtttcttc ccttcgctga tgagaaaact aggcacacaa 480
 gnggngaate aaaccangg ccatttggtt ntanagcaaa ncaattattc cccaggccac 540
 ttaagggg 548

<210> 108
 <211> 403
 <212> DNA
 <213> homo sapiens

<400> 108
 tggtcagaga tacaacagcc atcttctgac catgaagaca aaaaccttaa gctaggaaga 60
 aaggaggata ctggttcctg gatgaaatcc ttgagcagct gcatcagctt tggattgtct 120
 ccgctggact tcacattaca tgagaaggtg tgggtgacaca tgctgtaga gccagctact 180
 aggaagatga gggaggagga tcccttgggc ccagaagttc gaggatgcag taagcagtgt 240
 gatggtgcc aatgtactcca gcttgggcga gacagcaaga ccacctcttt tgaaaaaaag 300
 aaaggaaaca ggcctcagaa gaaaccgaat ctgcctacac attgttttgt acttctagtc 360
 cctagaccta tgagaaaata aatttctggt gtttaaaaaa aaa 403

<210> 109
 <211> 173

```

<212> DNA
<213> homo sapiens

<400> 109
gttgaactta catgattggc tttcctggat ctcagacctt cagactcgga atggagttga      60
cctggaacta cactaccagc tctcctgggt ctccagcttg cagacagtag cttgtagggc      120
ttctcagcct tcataatcac ataagcaaat ttcttattct ctatacaaaa aaa              173

<210> 110
<211> 355
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 110
tggccgtgct ccaaagtcac ccgttcgggt tctaactgcg atcgatganc nattggntnc      60
atngngnga attgaaatcnt tgatgaccac tnnngctgna aaattgntnt tgaacctcac      120
angcnggctt ancaanttgt ggggtgatca ntocccanat ttcgacgngc actntnaaag      180
accctgggaa aaaatggcnn aataattntt gcgttcccat tccccgccnn gtttnggttt      240
cattgtgnet tggacnacct tccagcttgg gcatcatggg acccatgaaa gaaagcaccg      300
acccaaaacc ccaccngggg nggngaaaaa tccttgggga attctttttt ttcta          355

<210> 111
<211> 143
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 111
tgaggaggcc ggcttncggg ttgganaaga tggtaccccc aggcgggctn ggtncctntc      60
tggntctttt ttctggctaa naatcnctnc ataccancct gagcttggga ccaattgntn      120
nagtcctctc cagacctcct acc                                  143

<210> 112
<211> 176
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(176)
<223> n = A,T,C or G

<400> 112
tcattctgact gccatnctan gaaggcattc tcattgaggac catnaatttg gangccntat      60
ntcacgtacn ggattacatg aanatactna agangatggg gtnattcaag ggagccactg      120
gaatnnanag ggnagatccc attccaaaat ttgataaaat ttttcagaga cttttt          176

<210> 113
<211> 538
<212> DNA
<213> homo sapiens

<400> 113
tgctatgaga caaaagacaa gaagattgac aaggatgcga aagaaatttt agagacagca      60

```


catctaagca	tcatgcaata	ctttttcaag	caaaagggac	atcagatcag	acagcacaga	120
ctgtatgcgg	cagtacagat	tagcatgagg	agtcacactg	gccccagtca	atgccagaaa	180
gtgtggggcca	tgtgaagatg	tgccctgcttc	ccctttgtct	tccatcatga	ttgtaagttt	240
cctgaggcct	cctcagaagc	agaagcctgt	acagcccaca	gaggagtggag	ccaattatgc	300
ctcttttctt	tataaattac	ccatttctcag	gaaatgagag	aaatgaggta	agtcaggcaa	360
cctgcaagaa	ctgactgaaa	cactgggtcat	gacagtggagc	tacaagaagt	gttcatgttg	420
gagccctggc	ttctctggct	ccctgagagc	tgagaatgaa	cgatagggca	gaagctgaaa	480
aacctgggtc	ttcttccgtc	agtagtctgg	gatagcggca	ccaaaggaaa	cagaaaaa	538

<210> 114
 <211> 115
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

<400> 114						
tctttggaat	ttgatgaggt	caaaggcaac	caaattcttg	aatacgctgg	caggaggtat	60
gaanaaagng	tgggggncac	tgntcagcca	gcctaacttg	aagatgatgt	atgac	115

<210> 115
 <211> 143
 <212> DNA
 <213> homo sapiens

<400> 115						
cttagaagcc	ttctgcttga	aagcctctac	tctcagttgt	tacaggtgaa	gtcatcaaga	60
gccgggcctg	ctacagtgg	ccgtgatggc	accactgcac	cccagccgca	gcaacaaagt	120
gagacactat	ctcaaaaaaa	taa				143

<210> 116
 <211> 408
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(408)
 <223> n = A,T,C or G

<400> 116						
taaatcttgc	tgctgntcac	tctttgggtc	cacactgcct	ttatgagctg	naacactcac	60
catgaagggtc	tgtagcttna	ctcctgaagc	cagngagacc	acaaaccac	cgggaggaat	120
gaacagntgc	agacgcgcgg	ccttaagagc	tgnaacactc	accaggaagg	tccgcagctt	180
nactcctaag	ccagcgagac	caggaacccc	accagaagga	aaaaactccg	aacacatctg	240
aacatcagaa	ggaacanact	ncggacacnc	tgcttttgag	aactgtgaca	ctcaccgtga	300
gggttcgcgg	cttcattcct	gaagtcagt	ngaccaagaa	cccaccaatt	ccggacatgt	360
ttcctcactt	cctttatagc	ttatttaa	gngactttct	cgagggtg		408

<210> 117
 <211> 318
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(318)
 <223> n = A,T,C or G

<400> 117

gtcgcctggct	ggaaggttgg	aatatgccct	anatgctgga	gcagcgaggt	gcgaacgcgg	60
cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	120
ccacgcctgg	ctaataatttg	tattttttgt	agagacgagg	cttcaccatg	ttgcccaggc	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagccc	taacagaaaa	300
gggtaaaacg	gaattaaa					318

<210> 118

<211> 291

<212> DNA

<213> homo sapiens

<400> 118

gtcgcctggct	ggaaggttgg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg	60
cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	120
ccacgcctgg	ctaataatttg	tattttttgt	agagacgagg	cttcaccatg	ttgcccaggc	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagccc	c	291

<210> 119

<211> 409

<212> DNA

<213> homo sapiens

<400> 119

gtagagtcag	tgtgattgtg	tatttgcccc	aatgacggag	catggatgct	ggacaatgga	60
aaggcagaag	agcgatcaaa	aagcttgccg	acatgtgatt	caaggcctaa	gcccattgaa	120
atccactgtt	gctttcactc	ttaggatggc	aatgcccata	tgcaatgttc	tcggagtaca	180
ctcctccaca	gcagaatttg	tgactagtaa	attcagcaac	ttgacctagt	ttcagtaaac	240
ggggtagggg	ctataactaga	gatcacccaa	gaagattttc	aaggcatttt	gccataactga	300
gagagctgag	aagcagctcc	tcctagcagt	cctgttacag	aaaggaaatg	ttgattgaga	360
aatagcctca	gtattttggtc	aagttgccac	tgacacaata	cagctggag		409

<210> 120

<211> 115

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(115)

<223> n = A,T,C or G

<400> 120

aaagcttgcg	cacatgttga	ttcanggcct	aagcccatcg	gaaatncact	gntgctttcn	60
ctcntaggat	ggcaatgccc	atctgcaant	gatnctcgga	gtacactcct	ccaca	115

<210> 121

<211> 206

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(206)

<223> n = A,T,C or G

<400> 121

gctacacaag	ggattcagtc	cgtcttaggt	tengctaattg	acaactcttc	ttgaagttct	60
tcaaggccgt	gtgaaaagga	aaagccagcc	gggcacagtg	gctcacgcct	gtaatccan	120
cactttggga	ggctgaggcg	ggcggatcac	ctgagggtcag	gagtgcgaga	ccagcctggc	180
caatgtgtct	ctactaaaaa	tacaaa				206

```

<210> 122
<211> 298
<212> DNA
<213> homo sapiens

<400> 122
gtcgcaggct ggaaggttgg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg      60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta      120
ccacgcctgg ctaatatattg tattttttgt agagacgagg cttcaccatg ttaccaggc      180
tgatctcaaa ctcttgagct caagcaatcc tcccaccttg gcctcccaaa gtgctgggat      240
tacaggggatg agccactaca gccagtcaat aaaattactt ttaaaagcca aaaaaaaaa      298

<210> 123
<211> 399
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G

<400> 123
gagaaaaacga atacacgcag ggatgacttc caccagctcc actttgcagc tctgaggtgt      60
actaaaaaatg acctggaaga agtcatgcc a gggccagac cttaacattc ctttcggctt      120
accccaggat ttcagacaaa gcttcacttt cctaaccagt cacaaatcag agaatttttg      180
attccaccta tgacctgtga gctcctgctt caagatattc cacctttttt aggccaaacc      240
aatgtataac ctccaagtgt cgatttacac tttcgactgt aacttctgct ttcctgagat      300
ttaccctgc ctttaaaaac ctttgcttgt aatccctcag ggaggccng tatttattaa      360
tcatgagctg cccaattctc cttgcttggg atgggttct      399

<210> 124
<211> 278
<212> DNA
<213> homo sapiens

<400> 124
cctgcattag cgactgaggt agcatcattg actggacttg cttcattact atggctttgc      60
agaatggatc aacctcaggt agccctatta caaaagggaa ctgactcagc tcaagagaaa      120
agcttcaact ccctatgatt tcatctttga cccgaccaac cagagctcct gactcaccca      180
cccactacc accaaattat ccttaagaac tctgatccct gaatgctcgg gaaattcatt      240
tgagtaaaaa taaaactcca gtctcctgta aaaaaaaaa      278

<210> 125
<211> 328
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

<400> 125
actgagctac tgccttcttc atcaacaaag tgccccttcc tggttaacgnt gttgtaccct      60
gctctgaacc ctaaaagctg ggaattganc caaggccncg gggetcanct gangantctg      120
ggcntntgtg aaccccanca tcctagagggt gtatctggna acataccaag gaaaagagtc      180
tcatcacatg cggcagccaa agagccacaa aatcagctta naagcanctt agaggcgtgt      240
ggtgggtgga tctntagagg tctcctgatg ctgcccgaag atgtnctggt ngctgaatcc      300
taataaactc tatctactcc tcataaaa      328

<210> 126
<211> 138

```

```

<212> DNA
<213> homo sapiens

<400> 126
aagccttctg cttgaaagcc tccactctca gttgttacaa ggtgaagtca tcaagagccg      60
ggcctgctac agtgagccgt gatggcacca ctgcaccca gccgcagcaa caaagtgaga      120
cactatctca aaaaaaaaaa                                     138

<210> 127
<211> 289
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 127
aactgaggag accctnaact gcntcggagn gnnngaagtg tatctggctn acgctctggn      60
nngtntnaac gctgncgtag caaaggacag ccaatagcca acagaaagct gatgccctca      120
gtccaacagc ctgcaagaaa ctgaattctg ccagcaacca tgtgagattg gaagcagatt      180
cttccgtgca gtcttgtgag agattatgaa gcaaaggact caagttgtgc ccagattcct      240
gacccacaga taccgtgtga taataaatgc atattgtctt aaaaaaaaaa      289

<210> 128
<211> 307
<212> DNA
<213> homo sapiens

<400> 128
agacagggtc tcactatggt gcccaggcca gtctcaaaat cctgcctcaa gcagtcctcc      60
tgcccttggc ttccaaaatg ctcggtattat aggcaagagt gtctggcata ctatatgcta      120
atccaacagg actgtggtct tataagaaga ggaagactct ctctccacca tgagaagaca      180
caatgagaag gctgccatct gcaagccaga aggagagccc tcgctgggag gtcagccatg      240
ctggcaccct gatctcagac ttccggcctc cagagttgga agaaaataaa ccgtctgttg      300
tttataa                                     307

<210> 129
<211> 470
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(470)
<223> n = A,T,C or G

<400> 129
gaccccaactg gaaattggac agtccaactg gcccaaggct ctgactgact ccttcccaga      60
tcttttcggc ttagcggctg aagactgacg ctgcccgatc acctcggaag cctcctggac      120
tatcacagac gctttgggta actcttacag tggaggaaga caagaatgct aggctctga      180
gcccaagcta agccatcata tcccctgtga tctgcaccta cacattcaga tggcctgaag      240
taagtgaaga tccacaaaag aagtgaaaat agccttaact gatggcattc caccattgng      300
atttgtttct gcctcaccct aactgatcaa tgnactttga aatctccgca cccttaaaaa      360
aggtcttttg naatttttnc cnncttttga aaatgtcntt tggganaatc cccctnttgg      420
cccccaaac attggttttt aactccactg gctatcccaa aacctataga      470

<210> 130
<211> 356
<212> DNA
<213> homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 130
 gaactgagat ggagttttgc tcttggtgct caggctggga gtgcagggtgg acaggggctcn 60
 agcttactgg attcttctgg gnctagaaca caaattctgc ttctatacct tgntaagacc 120
 ctgcacttga tggatcaact ggcaccaccc ggattaataa actggctcat ctgatcatgg 180
 tggcccccaa cccaggaact gactcagcac aagacagctt caactccctg ngatttcatc 240
 tttgtcaaat caacactgnt ggctcactgg cttccccccac ccaccaagtt atccttaaaa 300
 actctgctct ggaatgccag ggagactgat ttgagtacaa taaaactcca tctcct 356

<210> 131
 <211> 434
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(434)
 <223> n = A,T,C or G

<400> 131
 aaaacgaata cggcagggat gacttncacc anctncactt tgcagctctg anggnnggatt 60
 aaaaatgacc tgggaagaaa ntcattgccac gggggccnnac cttaacattc ctttcgggctt 120
 accccaggat ttcaagacaa aaagctttact tttctaacca gtccaaatca aagaattttt 180
 gattccacct atgacctgng agctcctgct tcaagaaatt ccaccttttt taggccaaac 240
 caatgtataa cctccaagtg ncgatttaca ctttcgactg gaacttctgc tttcctgaga 300
 attacccttg ccttttaaaa cccttgcttg taatccctca gggaggccgc gtatttatta 360
 atcatgagct ggccaattct ccttgcttg ngccctgcaa ataaacaccc tctttnttcc 420
 actgcaaaaa aaaa 434

<210> 132
 <211> 233
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(233)
 <223> n = A,T,C or G

<400> 132
 atgtatagag gtccctaacca aattccctac acaagggatt cagtcctgct tangttctgc 60
 taatgacaac tcttcttgaa gttctttnaag gnccgtgcga aaaggaaaaa ccagccgggc 120
 acaagtggct cagccctgta atcccagcac tttgggaggc tgaggcgggc ggatcacctg 180
 aggtcaggag tgcgagacca gcctggccaa tgtgtctcta ctaaaaatac aaa 233

<210> 133
 <211> 635
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(635)
 <223> n = A,T,C or G

<400> 133
 aaaagccaga cttcgaagcc taattttcag gggctcacat cacttctgtt cctgtgtcgt 60
 gggaccatcc agcagcagca cataattgaa agtcatctga ctcacaggat tgggagtga 120
 cctggcaggc cctggaacag atcttactg actggcatgt gtggtttcag tctagtcctc 180

gctgctcacc	gcacagaaa	ccaatcacgg	agatgatgag	tattgccaag	gaagaaggct	240
ttaatttgg	gctgcagctg	aggagatgac	aggaagaaga	caccgtggga	tcagcttgat	300
gtccttacat	gtgcactagt	tcacccctgt	gtgacacata	ctctggatgt	gctaatacag	360
tattggattg	cattccccat	gggctgctgg	aggaactaag	ggcgcaacct	ggaagtacag	420
gggaagtaat	gtcctgtaag	gaatattcca	agggagaagg	gagccagccc	ataaattctc	480
ctccctttct	ttcttgcaa	ttcagcataa	tcaatcccta	tgcttgctac	aaagctgtac	540
catgccttgg	gacatttgct	tnccttggct	ttctctcat	tttgcttnc	caagaattta	600
atactcaatt	aaaacattaa	cactgtaaaa	aaaaa			635

<210> 134
 <211> 158
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 134						
attacggcta	tttttatnag	actgaagtcc	taacntagcg	aagcccattg	cgatcatagg	60
tgacctcctt	nccaaggagc	ggctgtncctg	nncncttgt	ccatgttcna	ggncatcctg	120
accncnttc	gngctacct	gcaaagaccg	ccatctgt			158

<210> 135
 <211> 244
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 135						
cttcttctgc	tgccaaagcg	acggctgcac	agtgtttttt	gctgttccct	tgaccaatct	60
tactgagaat	ggncatgat	ggccccgctg	caatgagagc	ntnaaggagc	aaatgcaatg	120
ggggcccatg	aacccactgt	actggaaaag	gaaaaaccac	tgnggtttnc	ttatttttga	180
acacgttgca	nngctgggtat	tttttnaaaa	cccnacattt	gnttttgccg	gggcttctgc	240
ctac						244

<210> 136
 <211> 369
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(369)
 <223> n = A,T,C or G

<400> 136						
gaagagcgat	caaaaagctt	gcgcacatgt	gaaagactgg	ggctactggg	aaaatagcct	60
actgcccccg	cctccaaatc	acagatgctg	ttacttttatg	ctgctagagg	tgaaagggtc	120
cccagctgat	cacaggaaaa	tggaatgcaa	gaccaagaga	agatgaaatg	aaaagaaccg	180
gtggacctat	gtgggtcaaat	agacataaaa	ggcaacacan	aattctagat	actggtcac	240
tccccctagt	ggagcttctt	gccaatcttc	catttcttct	tcacagagaa	aactacaaag	300
acagtgccca	taacatctgt	tatggaccaa	agntactcca	gctgccctgg	cagcttcctt	360
aaaaaaaaa						369

<210> 137
 <211> 153
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 137

acccacccatg	ttacaagaaa	anggggtgagg	gnatttttggg	nttcnccggg	acnangaaaa	60
cccccttaaa	aattgggggg	gacccgnggg	gacaaaaang	acatttttgc	tattgggtcc	120
ctgaanggac	natnacttgg	ggcttgtaag	ctg			153

<210> 138

<211> 175

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(175)

<223> n = A,T,C or G

<400> 138

actatcctgc	ttaatacaat	nagtggcaan	gacngtgaag	aacatgcntn	ctttcgtgga	60
tnntgnantn	ttctgtctnt	cgagttggng	actggaccna	tacaatgnac	tggncccaaa	120
gggagcttta	atgcaccaat	ggaagaccct	aatttaatcc	ccttcattctc	caaca	175

<210> 139

<211> 452

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(452)

<223> n = A,T,C or G

<400> 139

tccacagccc	tgtgaccaa	agactgggag	tgtatgtcag	gcctctgaga	ccatgccaa	60
ccatcgcac	ccccgtgact	tgcacgtata	cgcccagatg	gcctgaagta	actgaagaat	120
cacaaaataa	gtgaatatgc	cctgccccac	cttaactgat	gacactccac	cacaaaagaa	180
gtgtaaatgg	ccggtccttg	ccttaactga	tgacattatc	ttgtgagagt	ccttttctctg	240
gctcatcctg	gctcaaaaag	cacccccact	gagcatcttg	cgacccccac	tcctgcccgc	300
cagagaacaa	accccccttg	actgnaattt	tcctttacct	acccnaattc	tataaaaaag	360
gttccnccct	tatctccctt	cgntgactct	tttttcggac	gcagcccgcg	tgccccagggt	420
gaaataaaca	gccatgttgc	tcacaaaaaa	aa			452

<210> 140

<211> 319

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 140

gtacctgctt	agcacactga	gcattgaant	gggatgggga	naaggcctga	ngaaaaatnac	60
tgaggaaanc	tccttagccta	tgtgctctna	tattactgng	gcctagcggg	ncnttangac	120
cgcttaaaant	atcctaagac	aatgnatgtc	gaacaggcac	ttttnaagaa	gaanacatac	180
aatgcacgcc	aacaatcaan	tgaaaaaaaag	ctctacatta	ctgatcatta	naggaaatgc	240
naatcaaanc	cacatcaatc	tggtgtgtat	ctgcaaatgg	ccnatnggaa	aggaagtgtc	300

tacatatgca tattctgaa

319

<210> 141

<211> 304

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(304)

<223> n = A,T,C or G

<400> 141

attgaggcct	atctgnnagt	tgattgatgt	acatgcaaag	cacaccagac	tccgtacttg	60
atggatcagc	tgacaccacc	cagaccagta	tctgggtcaa	ccagttctgc	catcccaccc	120
aggaacagaa	aacagcaaga	aaaactcact	tgcaccctct	atgactccat	ctccaaacttg	180
accaatcagc	actccccact	tcccaagccc	ctaccgcgca	aattatctta	aaaactctga	240
tccccaaatg	ttcgggggaga	caaagctgag	taataataaa	attccagtct	cctgcaaaaa	300
aaaa						304

<210> 142

<211> 449

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(449)

<223> n = A,T,C or G

<400> 142

ggagaggaga	gcaagacggc	tcaatagaag	cctccactaa	ttgtcctccc	cactggaaca	60
ccaaattgaa	caactatcca	cacaaagaag	caccttcgta	agaaccaaaa	atcaggtgcc	120
agacagaaag	tcatctctct	gtcgaactga	gacaaatgca	gattcattga	gccagactaa	180
ggcataaagt	actattcctc	tatgttcccc	aacatgtaaa	ttgtggattc	agtgaaaggc	240
tgattgaaga	gtcagaagaa	tgtaactttt	tgctctntat	ntacctggaa	ccacacctta	300
tctacctgga	actgtncctt	ncccgccccc	ccaatgctgc	cctgttttga	gttggcctgc	360
ctttctggac	caaataaatg	cncatcttan	acatattgat	gggntgantn	atatgtncct	420
aanaaaaaatt	tctatgtgaa	ctttcaggg				449

<210> 143

<211> 585

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(585)

<223> n = A,T,C or G

<400> 143

aaatcaaaaag	tggaagcaga	aaattgagca	atcaagccta	ccaagtcaag	tggggcaaca	60
gactacgctc	acggattctg	ctcacaaacag	cgggaataac	agaccaaaaag	aagaactgca	120
gagcatccct	ctctcccccg	ttcactcgtg	ccacgagcac	gtgagtgcac	ccacaggcag	180
caccagctct	cctgttccac	tgactccagc	gtccactcac	tgcgagccta	ctaagtggcc	240
acatgtgcta	tgatgctgtc	tcactctcgtc	accatagaca	tctctgctgg	agttccaccc	300
acgttgctga	gaataacagg	acttcactct	gtgttacggc	tgaatagtac	tccactgtgt	360
ataaagacca	cattttctct	atccatcatg	tgctgctgga	caccgaggct	gattccatat	420
cttggctacg	gngaacaagc	gctgcaggaa	acacagaaaa	acgtctgttc	gggtgggtgt	480
ggngactnca	acctgtaagc	ccaagtactc	aaaacgctta	agaaacaaga	ctgnttgagc	540
ctaaaccaac	ccangcaaca	gaacaaaanc	ccatctaaaa	aaaaa		585

<210> 144

<211> 456
 <212> DNA
 <213> homo sapiens

<400> 144
 atgagctgaa actgaagcca ccagacaagg tgctttctac tatttccttc cttttctcca 60
 ggcagaggag tctcttctca ggtccaccac caccacagtc ctacagggag tacagccaag 120
 agatggattt tctccatgtt acccagtcgt gtctcaaaact catgggctca aggtgtccac 180
 ctgcttcagc ctcccaaagt gctggaatta cagggtgtgag tgaccacacc tggccaagaa 240
 taatatttta tagaagcctg gctaatacaa ggaatgctaa gtctctagat caccatgaaa 300
 atgtactagg agaaataaag gacagaagaa tgtagttata atgggtaata ccagtcgcag 360
 aagtgaagag caattacaac ttggctgctt ttcgcttgta gtcccagcta ctcaggaggc 420
 tgaggcagga gaatggcatg aaccgggagg gtggag 456

<210> 145
 <211> 423
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = A,T,C or G

<400> 145
 gtgaccctgc agcctgtgag accatcttgg cccttgctcag ggcagccatt tgccattgca 60
 gatgaagggg ggggggagagg ccagagactc cttcagactg tggtggaaat gtcataaaaa 120
 tggaaattct cacaacctga gagtcataga cctggatttg ggtttctgct gtgtcattaa 180
 gttcttgcaa accagcacca ccgatggctc tcatggctct gtgaccacat cattagtatt 240
 ctacacctgg ctccactcac aaccagctg ttggcaggca aaggagtcct cttttatggg 300
 aaggagatga tgcaagagaa catcaccaaa ggcccagga catgactggg gtctgataag 360
 ggaggaaaag gcttgaggagc cctgcgctcag gcgaattcac tgntganctg accgggcctt 420
 aac 423

<210> 146
 <211> 570
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 146
 gatatatgat tgtgtggcct gacaatctca gaaagtaaaa gcaaagaaat tgaaagacat 60
 ggaaagaact aggccgggac cagcactggg ccttaataac cagttcactg agatgatgga 120
 gtttcgctct tgttgcccag gctggagtgc aacggctcac ctcaacctcc acctcccagg 180
 ttcaagcaat tctcctgcct cagcctccca tagctgggat tacaggcatg ctccaccacg 240
 cccagctaata ttttttttgt aatttttagta gagacgggat ttctccatgt tggtcaggct 300
 ggtctcagggt gatccaccca ccttggcctc ccaaagtgtc gggattacag gtgtgagcta 360
 ccatgtccga catgctattc tttttataat gagngagttc tcacgatatt cgatagtatt 420
 ataaggggct ttttccccct ttgctcaaca cttctccttg ctgccaccat gtatttgctt 480
 ncccttncac cacaattttg aanntttctg angnctncca actctgggga actggagcaa 540
 ttaaanctct nctttataaa ttaaaaaaaaa 570

<210> 147
 <211> 433
 <212> DNA
 <213> homo sapiens

<400> 147
 atctcaggca cagtggcatc cttcaccatg tggaagttga cactggcttc taccacacag 60

tgtggttctg	gagagagtca	agatgaagtc	ctgttgatag	aagaactgtg	tttatttctga	120
agctctcgct	cccaccccag	ggaaagccga	aggaggagct	tgacaagcta	aaggtttcct	180
tttagacaaa	gtattggaag	ttatgaaatg	tccttggtat	agatgagagc	aactgaccag	240
atctgccaca	cacaggaatg	cctcccattg	ctctccaggc	atcagaagat	gatccactgg	300
gctgcaaatt	atggaggaaa	aatccattaa	tttatgaagg	ttttgaaata	tccaacacta	360
aagttgaagt	tcttgaagcc	tgccagtata	aacaatttta	cataaagctc	tgtttacttc	420
tattcagaag	cag					433

<210> 148
 <211> 465
 <212> DNA
 <213> homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 148						
agatggagtc	tcactatggt	gcccangctg	gtcttcaact	ccggggctca	agagatctgc	60
ccacctnggc	cttccaaagt	tctgggatta	caggcacgag	ccacagcatc	tggccaaatg	120
tggcattgaa	attggggggt	tcacagatgc	cctgaagctt	ctccctgcc	tcgctttcag	180
aaaattcata	gatctctaaa	ttaaagttaa	ctggccaagg	aggncaaagta	tgcaaattaa	240
aataatggct	ttgcctctga	aaagtatgat	ttatctggna	ccttaattct	acttgatggg	300
tatttataag	ngnctacaac	atagccataa	gaatgcttcc	nnaggacgat	cangaataaa	360
ttaacntaa	ctttacattt	atatttttat	ntngacacag	gtaaatgtgg	ctgttaaccc	420
ccatagcaat	aagacacctc	ttggacttct	gaaacagaaa	tcctg		465

<210> 149
 <211> 119
 <212> DNA
 <213> homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 149						
atgcggtaac	acatagaaaa	ggcacggaga	anttaagtga	ttngcctgtg	gncactntgg	60
ganacnagca	acaacaacat	aaaaccacaca	cagttgttat	gatgggggtt	tttttttgt	119

<210> 150
 <211> 411
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 150						
gagttatggt	ctgtgaagaa	gccataaaca	ctgaattagt	gaatagtga	ccgtttttcc	60
taggggaaat	acaaggagtt	atgttctgtg	aagaagccat	aaacactgaa	ttagtgaata	120
gtgaaccgtt	tttcttaggg	gaaatacaag	tagagatgaa	gtttcaccat	gttggccagg	180
ctgggtttga	actcctgacc	tcgtgatcta	cctgccttgg	cctcccaaag	tgctggaatt	240
acaggcatga	gccactgcac	ctggctgctt	ttgcccttt	tgcttggtt	ctccttgctg	300
ccaccatgtg	aagaaggacc	gtgtttgctt	cccctttcac	catgantgga	agnttncctg	360
aggtttcccc	agccatgctg	aactgggagt	caattaaatc	tctttccctt	g	411

<210> 151
 <211> 592

<212> DNA
 <213> homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(592)
 <223> n = A,T,C or G

```
<400> 151
aatattaaaa agatgtgaac ccgagggact gagattttta ttgcttcac c aaggacattc      60
ttaagtgaaa ctcctatttt ttctgcaaga acaaaaagag agtcggctgt tgttgcccag      120
gctgttctcg aaatcttggc ctcaagtgat cctcccacct catctccaaa gggctgggat      180
tacaggcatg agccactgta cccggccagt acagtcactt ctctctaata cttgttttga      240
aaatacaaat ttgttctaata gcaattgatt ttaaaaggga acaatttgag cataacacaa      300
atttcatgtt tatttagtgt gtttcctctg aaagaaacag taactgaaga ctcccagggtg      360
aaccaagcca tgcaacaaca aacaaaacac acctgtgcac acactttaaa acatccagca      420
accatctcag ttcaactgctg tgttgnaagc cacacccatt gatacctggt gttaacagcc      480
ttcctgggag tcccatagct ttgctccac cttttcacaa gtaactcaca agctggagcc      540
ctctaaagcc ctcatccaa ataaacttca ggctttttaa gtcaaaaaaa aa      592
```

<210> 152
 <211> 597
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(597)
 <223> n = A,T,C or G

```
<400> 152
cttgagacag ggtctcacta tggcgtatgt catccaggct ggtctcaaac tcctggcttc      60
aagcaatcct cctgccttgg cctcccaaaag tgctgggatt ggacttcatt tctcttaagc      120
agtgtccaa aaatattatt tcttgtaaaa tgtgctttcg acaagatttg cagagcagat      180
tgtgaacaca gtgccagaca ttttctgttg ccaattaggg aaagatccat atgtttcaac      240
catcaaaaagg atagggtagt gctatggttt gaatatttgt cccctccaaa acccatgttg      300
aaatttaacc ttcaatatgg cagtattgag aggtggggca ttaagtggg gattgggtca      360
gagggcacag agctgattca tgaattaata cattaatggg ttaatggatt aatgggttat      420
catggcagtg gggagtggtg gctttataag aagaggaaga gagacccgag ctagcatgct      480
caccctctcg ccatgtgatg tcttgaacca cctcaaaaact ctgcagaagt ctaccacaa      540
gaaacctctc accagatgtg acccctcccc ntgaacttct caactttcct tacgtgg      597
```

<210> 153
 <211> 440
 <212> DNA
 <213> homo sapiens

```
<400> 153
gagtgcgga gtgccaaagta gaataagctg gagagaaatc tcaacacgga aaacctcctc      60
caggaaaaat gaaaaaggaa acagaaggag gggagcaggc ccctgtgcaa aatggagagg      120
aaattcgccc tttgtgaggg agtgaagggtc aggagtctga aggaataat agacagtgtc      180
caggatttta ggggaggtgt agtcttatca ataacattca catgataaat gcggataaag      240
atgatatgga atggttcag gaggatga gagagttaag gcaaaaactc aggggattta      300
agttaaggta tagtccatgg ccttaatggg gaccacctca ttcattatca ccattatgat      360
gccttatacc ttgaaaatag aagttttctc tgagggttaat acttctcaac tctgctttct      420
gggttttttt tttttttgcc
```

<210> 154
 <211> 144
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 154
 ggtgaaataa aggaaagcag tcggccatgt ntgtcntgag gacatttcag naacccccatg 60
 tgggtanncg atccaagatn ngccntgctc cantanctca nctgacaaaa anctgggagnc 120
 acctatctgg ttgtagaact ctat 144

<210> 155
 <211> 444
 <212> DNA
 <213> homo sapiens

<400> 155
 aattctgccc caacactatc tggggagccc ccccagatgc tccagggaga ctgtgaagac 60
 cctcaggctc cccgacgcct cgtgtgctcc ttctgtcagg gtgtttgaac cagagcaacg 120
 ccatcttgaa taggggctgg gtaaagtaag gctgagacct actgggctgc attcccagac 180
 gattaaggca ttctgagtca caggatgaca caggaggctc gcacaagata caggccataa 240
 agaccttgct gataaaacag gttgcagtaa agaagccggc caaaacccac caaaaccaag 300
 atggcgacga gagtgcctc tggtcgtccc cactgctacg ctcccaccag caccatgaca 360
 gggtacagat gccatgacaa tgacagaaa ggtatttaaaa gggggaggca 420
 tgaataaactc cacccttgt ttgg 444

<210> 156
 <211> 456
 <212> DNA
 <213> homo sapiens

<400> 156
 aaacctcctg ccaacctgtg cacaacattg tgcaattgca gaacggcact tcaactggaag 60
 tcagggaac acttgcaatc aagtccaggc tctgtaacaa gttaagtga tccaaaacct 120
 ttacagctga acacataaaa ttattcaaaa gctctaacga ggtgagaagc aaccaaactt 180
 gattttcatc tctgggaaac cctatatattg cactgtaacc cacaaggccc tcttccactt 240
 ccaaactcct ctggcattca ctagccacac cttcatttgg cacccaagag tggttagttac 300
 cgttttatag gtaaccccc aactaagttg taagccccta aagggtatac atagggcatg 360
 tctcactctt ttctatacat cctaaaattc ttagaatttt gctaagcatt tgcagatgct 420
 aaataaatgt atcttgactg tttgttttaa aaaaaa 456

<210> 157
 <211> 349
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

<400> 157
 tcatcacttt aaggggatgg gctggactgc cctgnggagc tgggtactcag agnactatnn 60
 ggactacnta atgaacacat tcccttaatg agtcaagttc agcctgggta agtccnanct 120
 naaacggcct ntnccttttgn tgtttanctn gggggaaata cttgataagn canncntnctga 180
 nnnntcatcc ccaaattttc ccaanaaaaa atntgnttta aattaacgga tatgaaactg 240
 attaanaact gtacctacag tggacaaaaa ggttttaaagc ttacagatta caggggaaat 300
 gntataaata ntcgtgctaa antgttattn annaaagttc ccttgtcta 349

<210> 158
 <211> 483
 <212> DNA
 <213> homo sapiens

<400> 158

ctgaatatgg	aggactctga	ggcccagcct	ggtagaacia	caatgtagaa	aaagcataga	60
tgccctaaat	catcaagcgg	atgaaggatg	ccaatcaaga	actctcacac	tgggggtttt	120
catgagcaag	aaacaaactt	tcctattttt	cagtctcttt	aattttttcc	ttagaacagc	180
tagtattatc	ctaaataatg	ctagcagagc	aatacaaatc	tcacataaaa	actacctttt	240
gcatacaagt	ccacatgcta	cttcctagtc	tcactgtttg	aagtatatatt	acctacctta	300
tgtggttcgt	cggcccattg	tgctataaac	ttgattgatc	aacatgctac	tctcagattg	360
taattaatta	acaaatccac	acaaaaagtt	gtaaagggtg	catggggatg	aatacggaag	420
ggagaggagg	acttgaggcc	tgcagggtctc	aaaaatctct	agctaataatt	cgagaaaaag	480
aaa						483

<210> 159
 <211> 633
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(633)
 <223> n = A,T,C or G

<400> 159						
gacaagctac	caggtctcca	ggactgaagg	ttatcatcta	agttgggtgtt	ctcaactgga	60
ggcgattttac	ccccaccca	ggagacagtt	ggcaatgtct	ggaggaaatc	tcttgccgga	120
agccgtgccca	cagagcacac	aggcagtttg	cagagaagga	tgcaacccac	accatgtccg	180
aagcggggctc	tggggaaggc	aagggggccag	ctgaagctac	ccgtacacat	cgttttacaa	240
gccctggggt	gtcaatgggt	cttttaaaac	cagctgaact	gcgttttgct	tttcagtgtg	300
taagctgggtc	agcttacagc	agtacaaatt	ggcagcgtgg	caagaaagaa	aactgaaatt	360
caatccaaca	ctgggattgg	aagctcttga	gactcaaatg	tcaccaacac	cgggggcttc	420
tcctctaatt	atcctgtcaa	acgaggggtg	aaaatgtcag	cacagacttc	agtctcagct	480
cctccagcaa	ccaatgagag	tgggcttggt	tctgggttaa	atgatgaaga	acaaatttga	540
aaaacccttc	agttgatatt	aagacttnct	gggaccgggg	atgttttaac	cacaatgttc	600
ttnttttggg	gcaaagtaaa	aacccatcac	cag			633

<210> 160
 <211> 288
 <212> DNA
 <213> homo sapiens

<400> 160						
gtcttcctta	atatatgtca	gcagtggagt	ggtgtgctta	aggagagaga	gacttggaag	60
aatacagacc	gagaacaagg	ccatgtggag	atagaggcag	agactgaagt	tgtaccaccg	120
aaggcaaaga	atatcaagta	ttatcagtaa	ccacaggaag	ctggaagagg	ccaggaaagg	180
tttttcttag	agaccttga	aggagcctga	ccctggaaca	ccttgatttt	agacttctga	240
ccctcaaaat	tgtgaaagaa	taaatttctg	ttgttttaag	caaaaaaa		288

<210> 161
 <211> 620
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 161						
gacaaaaatca	acagcaaatt	tagataccat	caagacacct	gaaacctcat	catgagccag	60
atgccaaagga	agagattccg	ggaggatccc	aaagaccccc	tgggtgcagc	catgtcaagg	120
ctgatgctga	ggaggaccgc	aactgtcaca	agcaacacct	ggtgaacaca	gccaccacc	180
tggggacaga	tcaagaagct	gtcacagatg	atggaagaaa	acctgaggaa	agcgagacaa	240
ccagtcacat	ctgcagatgt	ggatcctgac	tcctggggaga	agtagctcac	cgtgacaaaa	300
ctgcctttgc	ttttattgat	ttgcaaatca	aagaaggggg	acatgttggg	aacaagcccc	360
cccccaaaa	atctgggcat	aaactggccc	caaaactggc	cataaacaaa	atatctgcag	420

caactgtggca	tgttcacgat	ggccataatg	cccacgctgg	aaggnggnga	gcttaccaga	480
atgagggcaa	ggaacacctg	gcccgccan	ggcggaacc	cacttaaagg	cattcttaac	540
cctagcatga	naaatctggg	ncttaaaaca	tgctcctggc	tgagttaact	agcccaacct	600
atttctttaa	tttgggccat					620

<210> 162
 <211> 448
 <212> DNA
 <213> homo sapiens

<400> 162						
gtggggtctt	tcaagaacga	tccacctatg	acctcaggtc	ctcagactga	ccagcccaag	60
aaacatctca	ccaatttcaa	atccggtctc	ctggagtcac	aaagcctgga	gcaacaggag	120
aaccactaca	gaagaaacag	ctagttcctg	ccataacgga	ttaaccgacc	ttgaaacggt	180
ccaccattgt	gatatgttcc	tgccctaccc	taactaatca	atctaccttg	tgatatcgtg	240
ccttgtggcc	tccccccacc	tggtgactat	gcaccttgtg	acttttcttc	cctgcccga	300
aagctgcccc	taactgtaac	ttttcactac	ctacccccaa	acctttaaaa	ccagttccac	360
tcccaccacc	ctttactgac	tgcttttccg	gactcagccc	acttgcacct	gagtgaataa	420
acagccttat	tgctcacaaa	aaaaaacc				448

<210> 163
 <211> 413
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 163						
gagttcagtg	gcatgaccag	ggctcactgc	aaccttgatc	tgggctcaag	tgatcctcct	60
acctcagctt	cctgagtagc	taggaccaca	gggtgtgcacc	aaccacaccc	gactaatttt	120
tgtagagatg	agatcccact	atgttaccca	ggctgggtctt	gaactcctgg	gtcaggtga	180
tcactcctgcc	ttggcttccc	aaagtactgg	gattataggc	ttgagccacc	gtgcctggcc	240
tgtgatcaga	attctcattt	ttttagtcac	taaaaatgct	ggggggcact	ccattnttcc	300
attatgtgat	taagttcaca	ttgcatgctt	gtatcaaaac	atcatatata	ccccacaaat	360
atatacaaaa	aactttaaaa	ttttaagtat	taattgctca	ggaaaaaatt	aaa	413

<210> 164
 <211> 479
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

<400> 164						
caacatggat	gaagctggag	gccattatcc	taagttnaat	aaccaggaaa	cagaaagtca	60
aatatcactt	gttcttgctc	agaagtgggg	gctaagcaac	ggaagcctag	ctctgagagc	120
ccatctggaa	tgctgcctcc	tggaatggga	cactactgtt	taatcaaact	gatccattcc	180
tgggatgaga	gactgattca	agaagatatg	gggtcaacata	tttaaatttg	ttctttttcta	240
cttatctcaa	tttgtttttc	cctcctttgt	gtctgttatc	tcgcaacctt	taactcaaat	300
ctttctgaag	gtatcaagtg	ggcttttaaaa	atgtaaaact	ttctgaaaga	aattttcaag	360
ggggatagaa	taaaggaaaac	caaaatatatt	tatgtcctaa	tatatttgtt	tgactatattt	420
gagatgcttc	tcagagggcc	tgaaaacaga	agtagtcctg	aaaagactgt	cttttgtca	479

<210> 165
 <211> 501
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 165
 aggtgtgtacc gttgtacaca ctcaccagtg gtacatgagg attccaattt ccccaaattcc 60
 ttgccaaacat ggtgttttct gcattcttaa ttatcattgc catcctagct acacaagaat 120
 gatgctgacg tcacctggct tcggggaggc ctctggaagc ttacaatcat ggtggaagga 180
 gaagtgaag caggccaaag gagaggcaag agaaggaaac tgccacacac gtttaaatga 240
 ccagatctca caagaactca gttacgattg cgaggcagta ccaaggggag ggcgctaagc 300
 cattcatgag aaatccaccc ccatgatcca gtcacctccc accaggcccc acagccaata 360
 ttgcgcatca catttcaaca tgagatttag gcagggacac acatccaaac tatgtcatat 420
 agcaacaata cattgtgtga agacttctat gtgccccccc cgntcataag ngtgggggga 480
 tttanaaac acaggccttt a 501

<210> 166
 <211> 431
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(431)
 <223> n = A,T,C or G

<400> 166
 ataaagaagc taagccttag agaagttaac tgacctactg angatcacag aacaagggtct 60
 cactatgttg cccacgctgg tcttgaactt ctggctcaag cgatcctcct gcctcagcct 120
 cccaaagtac caggattaca gatgtgagcc accatgcctg gctgtttctc actttcttaa 180
 taaattactn gcaaacaaat cctcatctca atgtctgctt ctggggaatt aaacctctga 240
 gagctagcaa caggncattc tactgcttga tcattgctgt ctttgatttt ctgctaaatg 300
 atgatcaatt caactaccac agtaatggga gagacaatgt aaaatttctc tttatagcaa 360
 cataattata gctaattgtg aagtgaata agaaataaat tttactctg gcaacaataa 420
 caacaaaaaa a 431

<210> 167
 <211> 587
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 167
 agatgggggc tcactttgtc acccaggctg ggctcaaact cttggcttca agcgatcttc 60
 tcgccttggt ctcccaaagt gctgggatta caggcttgaa ctactgtact cgactgactt 120
 ttctattttc taatgtcagc atgaagaaca caagaagta gcttcaaagg gacatcatgt 180
 tctgggagaa aatcgttcta tttcatgcct aaaatggtaa caaagcaagt gaaagctgat 240
 ctgctgtgtg tctcctggat agtgacaggt tctggtaccc aaataagcag acctaatgaa 300
 gctcagagat tcccagcttg gatgaactat ttactcctca tgagctcaat attaactgng 360
 gagtcatctt gcaactacag agccctttgc agagtgaacca caggaagcca ggcattggag 420
 aagaaggcga caataagcag tcacttgtgt tattactgaa gaaaccacag ggatctgtcc 480
 aattattcaa atgcacatct ggaaaaaaat cacctgnctt gaactctttg ttgggtcaaca 540
 gccaaaacaa gccaaaagcn ccccaaaaat gctcaatcag ggcgatac 587

<210> 168
 <211> 502
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

<400> 168
 taaatcttgc tgctgctcac tctttgggtc cacactgctt ttatgagctg taacactcac 60
 cgcgaaagtc ttgcagcttc actcctgaag ccagcaagac cagcagccca ccgggaagaa 120
 cgaacaactc cagacgcgct gccttaagag ctgtaacact caccgcgaag gtctgcagct 180
 tcaactcctga gccagcgaga ccacaaaccc accagaagga agaaactncg aacgcattcn 240
 aacatnagaa ggaacaaact ctagacgtgc caccttaaga agcttgtaac actcaccggc 300
 ggaggggtccc gcgggctttc attctttgaa agtcaggtng agaaccaaa aaacccacc 360
 caaacttcng ggacacaaa agaagggacc ngnggggttc aagtngagcc tttccaagaa 420
 ngggcttgga acaaccnngg gnnggggttt ccttggaag gggtnggcca ttggttctan 480
 ggggggagggg gggaagggga aa 502

<210> 169
 <211> 501
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 169
 gtgaaaagca aagaattcac agcaacatac ctggaagtct cacatctcca gcctcaacat 60
 ccttgcccttt cccctaaca gagactgggt caagggagat tcggacacat ctccacctcc 120
 aaagccaagt gccttcccggt gatgatctgc ataacaattt gcgggtgctg gtggtggaga 180
 agctccggga agagaaaact agccggacgg tatcgaaccg cccgcaggcc cgtcgcagct 240
 ccattaatgc aactaccatt acactaaggt nccaagcctc ttcttcgacc tctcaaact 300
 ggtaccatcc ctaatgaagt caacgggtcc agcatgacag gatggaagta caaagtgtca 360
 gcacctatgt gaagtcccaa gaaggggaaa atttgaaacc aaaaanggaa gaaanagggc 420
 ctttgccag ggcccgggg gnttcacgcc ttgtaatccc aacacttttg gganggccaa 480
 gggggggcag atcacctgag g 501

<210> 170
 <211> 437
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 170
 attttaatca aaaattttat gcactgctgg aaataagtcc ctttctccaa gtgttccagc 60
 agattctatg ggtccttctc actggaaaag gcagagaagg atttcatcag gaccaagaga 120
 gacccacag gccccctgca ctgaggagtg gacatctgaa gggagacttc gtctgagacg 180
 gctgttctgg gagccatcca ggacgtgggc tggggatgac tcagggacac acgcaatgaa 240
 gggaactgtg atgggtcaga aactaccca gacacaaaa agctgctggc tgttgctgct 300
 gtttcacaaa aaaattcaac ttggnaccgg cctgaagact ggggagttct ctgggctgag 360
 gactctgctt tcaaaacact cggctggagt ctnccccaga ggatcacagg tacctgaaag 420
 cctcctgtga aactgtt 437

<210> 171
 <211> 447
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(447)
 <223> n = A,T,C or G

```
<400> 171
ttccaactga atcagtaaaa agcagcgagg tgtggtgaat ggaacccagg atccctctca      60
ggagcctcgg gaatccggtt cctctccgca tcagtggcag agatgtccct gccccaaccg      120
gtgggtgtgc ggattctgtg cggattcgca cgggtgtttg cacgtgggtc tcactctatt      180
gctcaggctg gagtgcagtg gccccatctc ggctcactga gaccttcgcc tcccaggctc      240
aagtgatcct cccacctcag cctccagcat agctgggact acagagagcc tctctctgtc      300
ttttaggttg acaaacatgg tgtcaaaaag tggggaatct gaaagcataa tcatttttcag      360
aataaaactgg tgattcttgg aaccagggtg caagtactcc cttgaggcct ttcaactctc      420
tacttccacg gntcttcttt tctggcc                                     447
```

<210> 172
 <211> 556
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(556)
 <223> n = A,T,C or G

```
<400> 172
atcattggcc cagactctcc actgaatccg aagaatgctt tgcaggggat gttcagaggg      60
ttacctgaga atgagagaaa aagaaatgag caaatgactc ctgattatca gtgggagaca      120
ggaagcgacc atttaacatc caaaggaaaa ctcagagcat taaatgtatc tttgccggtc      180
ttcaccaatc catttttgaa tgaaccaggg tacaaataat aaataatggc cttgaagttc      240
aagttttccc tttcatttgc taaccctttt aaagaaggag gagggagaaa ggaaagggaa      300
gaggagccaa actgatctga gttgcctttt caaaaattct tgcaaggcag agtcaacaac      360
aaaatgggag aaaagaacct caatgtttat atgcctgtgg aaatcattcc gagtgtctga      420
ttcaggtgat accaatctac gattgtcacc atctcttttt gcttgaaatt tggattttat      480
cttgaattgn atgtaatctt tctttcccca tgtccataag ttcctgaaga gagaaggaaa      540
tgagttcaat gtatcc                                     556
```

<210> 173
 <211> 422
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

```
<400> 173
gactctgcat cacaaaaacg caggatatta taacctactc ggtatttttg acatcgaagg      60
agaaaaggac tagaagttat gggaagggtg agcaaaagag aaggagaaag gaagaggatg      120
aggaggagaa ggagaagaga agaggaggaa gaggaggagg agaaggagaa ggagtactgt      180
gtttcactag tgcattttac cttctgcacg gtaaataatt agtaccacca agcttataaa      240
taacaggatg gtgtcctctg actaaaatta gggctagtgt ttatgttagg aatttataat      300
ttcctaattg ctattgagaa ttctttgccg ccttaancaa acagatgtgc ttttaattag      360
attagcatct tntaaacaaa tgccgtgtct caagttcaat cccatttttt cttagtttct      420
ta                                                                 422
```

<210> 174
 <211> 245
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature

<222> (1)...(245)

<223> n = A,T,C or G

<400> 174

atttacagga	acaaggaggt	ttggctatcg	ttacatgaga	gaacgttacc	caaggacaaa	60
gaagtttcac	agacttcccc	tggacccttg	ttggtgccca	gatgtctgcg	gttccctgtc	120
acttaaataat	aaaagacaag	gcaaagctcg	cataattcta	agatggntct	ttaggacatt	180
ggctctgcttc	ttcttggttt	cctggctccc	caaaataaag	tcgctttcct	tcctccaaaa	240
aaaaa						245

<210> 175

<211> 400

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(400)

<223> n = A,T,C or G

<400> 175

gggaaccaac	gagttcacag	ctgagcaagt	gnttcggcga	tggcttgaac	tgggcttggg	60
tgctcatcat	tgtccttgct	gggccanaaa	cgtccctttt	accctgtttc	gacttcttgg	120
taccaccctg	cttaaaaant	gcaanagggc	aaggacgnng	aaagggatga	aaatccattt	180
aaagaatggt	gnccccctga	agnaaaaaat	gggnccgnac	ccggantcaa	ggaaaaggatt	240
caaaaatcct	tngaacaaaa	tgaagggttt	tttgncnnt	tcccttgaaa	acaaaataac	300
aaatgaaaag	tcccggnggg	gngnacaaaa	acnaggttcc	cnnttgtggg	gaancatgnt	360
ggccccctgg	gtttccaanc	cnacccccatt	tccaaccaag			400

<210> 176

<211> 513

<212> DNA

<213> homo sapiens

<400> 176

gtctcagtc	ttttgcaaac	cttctcttct	acaaccctct	cctgcaatac	atctgggagg	60
tgggatcatc	gttcacacat	tacagaggag	gcagtgatgg	ttttcaaata	aaaagtgact	120
tcgccaaagga	cacatgcagc	tgagctgtgg	agggcctagt	ctgtctcctt	tttccatccc	180
tcgtttatatt	ccagagctgt	tcctacacct	gaaaagcgcc	actccccctg	cacaccctgg	240
cagacaaccg	gattcgatgg	ccctggcagc	ccgaacgcca	acaaacaccc	agtgtctttc	300
tgaagcgacc	ataagccatt	cgaggaaaca	cgcacggggg	cctgcttgtc	ctggccttgt	360
ccccaatgcc	cagggcagtg	agagcagctc	tacacggagg	ccagtccctg	aggcttcctc	420
ggtggcctca	gacctcggag	tacacacgtg	cagtccttac	ctcccaaaga	taaacctaac	480
ctctcactct	gctcttcacc	tacttcaagt	ctg			513

<210> 177

<211> 257

<212> DNA

<213> homo sapiens

<400> 177

gaaaaagaga	gaagcaacca	atattccaaa	tggtctttca	gtggtgttac	tatatccaca	60
atgttgggca	accatcacca	ccatttccaa	aattttttgt	caccagtgct	agaaactgtg	120
taaccattaa	gcaataactc	tccattcctc	ccttccccag	cctctgcata	aagtcttcaa	180
ggttcatcaa	tggtgcagca	tgtatcagaa	ctttgttctt	tttatgacgg	aataatatct	240
cattgtaagc	aaaaaaa					257

<210> 178

<211> 419

<212> DNA

<213> homo sapiens

<400> 178

gttgagctga	actctccaag	ccaaaggaca	gaagggccgg	aaatgctcca	gacaggaaga	60
tctgtgactg	gaatgaggcc	ataggatcag	gggagcttga	agtgtaccca	gtgatcctca	120
caggaattcc	ccattgtggt	gcgagagctg	gagggaaaag	tggcagaggt	ccaactccca	180
gtctgtagtt	ggatcttaga	ctgattagaa	tctgcttcat	cacttgga	atcactctgc	240
atggaacact	gaagcctcaa	caccagcagc	tttgaggat	tatgcgggca	gagcagagaa	300
tgagtttagc	ggcatctaaa	ctgccttctc	ataatagaag	agcaagatct	gtagaagtaa	360
tacagtgtctg	gaaaatggca	ggatggaaaa	atgactgtat	ttgagcaagg	aaaaaaaa	419

<210> 179

<211> 606

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(606)

<223> n = A,T,C or G

<400> 179

ctgtaagtgt	aaaggcatcc	aagaacatgc	tacagttggg	gatcacatct	tcctgaggca	60
cagaggacgg	ctctgtttgt	tcagatggac	aaacagatgg	accctgcagc	caggtggaat	120
gtcanaggtg	gaggggaaac	cctgnnacac	tgatgggcct	ggatcctctc	cagcctctcc	180
cctgcattgt	ccacacaact	gccctgagtg	gtaacngtct	tgtttacgca	cttctgagag	240
ctgagctgga	tgagtgcact	tgggacactt	ggtgacaggt	acttgcaagc	atgatcaggg	300
ncagcctcaa	tacaggcaga	aatcctgggt	atttaaaaat	acttttttga	ttcagatcat	360
ggtgagattg	cagagcaaca	ctgtgtttat	aactgggagg	aaggcaaagc	tgtgggtgcgg	420
gcagctcatc	tcaactcttt	aaagcaaggt	ttgctcacca	aggtgctgac	tcagtctctc	480
caccctggcc	catatatagc	attacaaaag	tgaacaggcc	aggtgtgggt	gcttaccctg	540
taatcccagc	actttgggag	gccgaggcgg	gcanatcacg	aggtcaggag	atcgagacta	600
ttctgg						606

<210> 180

<211> 406

<212> DNA

<213> homo sapiens

<400> 180

gtatattatg	ttcttatatg	aatgacagaa	gaaacaatga	aattgaagga	aaggaagatg	60
aacgctaagg	ctcgtcaggt	gaagcagtg	gaatggaaaa	ggaacaaaga	aatctgtaac	120
tgattgtgat	caattagttg	taaacaccac	tgcccttgga	ccagcgaccc	acctagtact	180
tcctagttct	atagatttag	atggagtctc	actctgtcac	ccaggctgac	ctcgactcac	240
agcaacctct	gcctccaggg	ttcaagtgat	tcttctgcct	cagcctccc	agtagctggg	300
actacaggtg	tcaggcctct	gagcccaagc	taagccatca	tatcccctgt	gatctgcacc	360
tacacatcca	gatggcctga	agtaagtga	gatccacaaa	agaagt		406

<210> 181

<211> 464

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 181

catcccaatc	ccctgctcct	acctcagctc	ctgtgatctg	tgtggggcca	cccaccctcc	60
tgcttcagtg	atcaagaact	gaccaagctg	ctcatccag	ccccagcca	cagcaatagg	120
atccggtaaa	ggtttgcgac	ctaagctgg	gtgatgagcc	atcagatgat	ccctctttct	180
gttgagggtg	ctaaatcggc	agggcatgag	cctggattta	ctagcagagc	ctgcctgaag	240
atgccaccag	cacagaaaga	tggccaaacc	caagaagcta	gagagacaga	aatcttcaat	300
ggatgatatc	ttgagccatt	ccagaattca	acccacatct	tgaaagttaa	aaagggtctt	360
gcttcaagga	actcttttga	nggnaccaag	gaagggnaat	acacnttttt	gganttaagg	420

naaatgaaaa gggggccntn ttttttccca aggcacaaaa aaaa

464

<210> 182
<211> 428
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 182									
cctgactgct	gacatggccg	tgccctctgg	agaaggccct	ggatggnann	gtgtccacct				60
tccgggggtnc	cctcnaaaag	cttntgggtg	ggtangnctt	ttgcttcaaa	aattccacaa				120
cacncagatc	ctgtttgnca	tctgggagcc	tnaccatan	ttcttttggg	ggaaaaagna				180
catgaaagaa	agctttnttt	tccnattaaa	gcnanaanga	agcaactttg	gnaccagcnt				240
ncagggggac	aacctaaagg	gggactttcc	caagagtact	nnggnccttc	cntggccctg				300
cnttnnncca	tggatngtgg	aaaaccgaaa	tnctttttga	aagggctttc	ccaagataaa				360
gcagccccag	ggaaagaaaa	tggaaaaact	cctntgattg	tggtttgggg	ggggtctgcc				420
cacctgaa									428

<210> 183
<211> 218
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 183									
tacaggga	acggccttgg	aacaaggag	gcagaagtct	tggagttagc	cttgccctaca				60
gtcacnggaa	tgccaaggac	agctggaaac	caccagaagc	taagaaggag	atcttacctg				120
aaagcctctc	aaagaaatca	gtcatactca	cacctccttt	ttgaatttct	ggcctcgtga				180
atggtgaaaa	aataaatttc	tgctgtctta	aaaaaaaa						218

<210> 184
<211> 459
<212> DNA
<213> homo sapiens

<400> 184									
atggagtctt	gtcagtttgc	caggctggag	tgagtggtca	cgatctcagc	tcactgcagc				60
ctccgcctcc	ggggttcaag	tgattctcct	gccttagcct	cccagtagc	tgggactaca				120
gagatggggg	ccaggctggg	gtcaaaactcc	tgagctcaaa	caattctcct	gtctcggcct				180
cccaaagtgc	tggaattaca	ggctccacga	gcagatgggc	agatgaatag	aagagcagag				240
gaggagaaga	acaacgtggc	agagaaggag	agagaaggag	catctgaacg	ttgagaggag				300
tttgcccggg	gatggtcaga	cagttgatca	tccacagcac	agcgaactc	tatggggaag				360
atcatcttca	cactccatcc	cctttccagt	tccccatcca	ttccaatgac	agctacctcc				420
atcgcccaat	aaaatcccca	cattcaccac	caaaaaaaaa						459

<210> 185
<211> 376
<212> DNA
<213> homo sapiens

<400> 185									
aaaatgagag	gatgagagtc	tgaaatgact	ggcaaataatc	actgtgcact	gatcgctgcc				60
atgggaacaa	aggaaagata	cctcactcag	gtgaagagaa	agagagggga	caaatagaag				120
gagacacaaa	acggcgtgat	gataaagaaa	tacaggctct	gaaatggcat	gtgatttgcc				180
caaagtacgt	gagctactaa	gtgagagggtg	gaagagaaag	cgagggtgcct	gtcttttagaa				240

ctcagacctt	tatcttcac	ttctgaaaga	aatgaaaatg	tgctcaaaat	cctgccactg	300
ggaactatca	acagaattta	cagatcatta	gacatttctc	cacgcatact	acaaataaaa	360
ggatggaaga	aaaaaa					376

<210> 186
 <211> 284
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(284)
 <223> n = A,T,C or G

<400> 186						60
gatcatgaat	ggaatgacac	actctgacct	gnnnagacct	tacagatcat	ctntgatctc	120
caancntgaa	gnagccgnaa	ntgctgctgn	catgcancaa	atcttactgt	gctgagatca	180
ttcacaatgt	ttcctccaag	aactgcaaag	ccgttgtgga	aagagctgcc	cagctggcca	240
tcaagagtca	ccaaccccaa	tgccaggctg	tgacgcgaag	aaaatgggta	gacagctcat	284
gtgcacattg	tgttctaaaa	aaccgtaaaa	actgcaaaaa	aaaa		

<210> 187
 <211> 299
 <212> DNA
 <213> homo sapiens

<400> 187						60
gtcgcaggct	ggaagggttg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg	120
cggcaggaa	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	180
ccacgcctgg	ctaataattt	tattttttgt	agagacgagg	cttcaccatg	ttaccaggcc	240
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	299
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagccg	aaaaaaaa	

<210> 188
 <211> 287
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(287)
 <223> n = A,T,C or G

<400> 188						60
caacaataac	tttctgttga	agccgtccag	ttttgaagcc	accagctctg	tggtgcttgg	120
ttaccgcggc	cctagcaaac	ttgcctgagg	ctttccaaat	cacagccccg	ttttgtcaca	180
ggggaagaat	tctaagaagt	tctttatttg	gccaaagtga	ggatagaaga	ataatgagca	240
tttnccctnat	tacaaagttt	taaaaaacgg	gcttaancca	cacacggntt	aggagattgg	287
cccttcctcc	gccttcagct	tgacgggggg	cttcagtaat	aaatggg		

<210> 189
 <211> 632
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 189						60
gagctcaaga	aaattaaaaa	gaagactgga	tgcaacctca	ttaacagatg	aagctcttgt	120
ctggaaatat	actttcaaca	ctgacagtta	taatcaaagt	ccttttaata	agtaattgtg	

ctgagtgatg	taccttcaag	cgaaatcaag	caaacaggca	gaatccatgt	cctctagaga	180
tggaaccttg	tgactgacta	tgccaaagac	atggatgttt	gaacaatgaa	ccaataacga	240
gtgtgttgaa	aggcaagata	aaatacagca	tttacctggg	atcaaagcat	tggaacttttc	300
cactccacca	gagtgggcct	ggcaggaaaa	ggaggaaggc	atcctggaag	gaatggggaca	360
caaaagtga	gaaaacacag	atgatggatg	ctgctttggg	tttaacttga	aagaccaaag	420
ataggtgggt	ctgaaacatg	ggactgatgc	caacccagtc	ttattttggg	tttctggcca	480
ngactcccaa	tcaaaaattt	ggtgagagac	tctgtctaac	tcncaatcaa	aaattggngg	540
gagactntgt	ctaactcacc	aatcaaanat	gggggcccctg	ttncnccnccc	atgtcagtca	600
tttaacacac	actttntttt	tttaccaaca	ag			632

<210> 190
 <211> 246
 <212> DNA
 <213> homo sapiens

<400> 190						
ggatgagatt	tcaccatggt	gcccgatctg	gtctcaaact	cctgaactta	agtgatctgc	60
ccaccttgac	ctcccaaagt	gctgggatta	caggcatgaa	ctgccacacc	tgccaggat	120
cagcatcctt	ctcaagaatt	ggctcatggt	gttgggtgctg	ttttctgtgc	cacaagtcac	180
accgagttga	tgctgcaagt	atgttctgcg	attaagcttc	taatatccat	caagcaagaa	240
gaaaaa						246

<210> 191
 <211> 467
 <212> DNA
 <213> homo sapiens

<400> 191						
agttccagaa	tttgggaagct	gaaaggaatc	tttgaaacca	cccacttcaa	ctcctacatt	60
taagagattg	gaactaataa	aagttcaatg	gcttgtctaa	ggctattagt	tagcagttgg	120
aaagccagtg	ggaaattcta	gatctcctga	aaaccagttt	catgctcttt	gctctaaaag	180
ctacactgaa	gaaatctaaa	ttacaacctc	agttcattaa	agaccggaag	agaaagaatc	240
atcttggctt	gacaatcttc	caactgacct	cctgatttcc	atcccaatga	aggatttaat	300
cacgactttg	cctgtacata	gaagacatgg	aaaagggaat	cctatcatat	accactgtgg	360
aatgcctcta	gaaagaaaaga	aaataagaag	aggtcatttg	ccagctgggc	actgggtcca	420
acttcagccc	ggggagaagc	attcttggtt	ttccttttgc	cctggga		467

<210> 192
 <211> 194
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(194)
 <223> n = A,T,C or G

<400> 192						
ctggggagct	cctgcattan	ttcctanctg	agcctngnat	gctaacaatga	cggcaggaca	60
aagaagagcc	atcttagacc	tagagaggga	aggcacacac	tgaagacagc	aaatcctcta	120
gagaatcttg	gaccacccat	ctgtggactg	tgaaagagag	aagtaaactt	ctataagcca	180
ccataaaaaa	aaaa					194

<210> 193
 <211> 575
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

```

<400> 193
aagccctacc cttccctaga ccatgtcacg attccgtcgc atcctctgcc attgtccctc 60
ggaatattcc tagatggcat ttatcactgt ggatagttac cactactcag cgttttggct 120
aagatcaagt gttccatcat cgtgggtggc tcatacgtgt aatcccagta cnttggaagg 180
tggaggcaag aggactgctt gaggccagga gtttcagatc agcccaagca atatagcaag 240
acctccatct ctacaaaaga tttttaaaaa ttagccaggt ggtggcagca gacgcttggt 300
cagctatacg caagattaag gctgggactt ccttggcaag aagcaggagc tgctgaagtt 360
gctgggtcaac ctatgggtga agctgtccca gctgtgcac accaatgtca gcagtcccgt 420
ctttttgaca ccanggacca gttcgtggaa gataattttt ccatgaatgg gggcaggggg 480
gggatggttt nggatnanti nancantt ncncttatt ngnnccaccat ctctattntt 540
acnttcta atatgganaa aataattctt ccacc 575

```

```

<210> 194
<211> 434
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

```

```

<400> 194
atgagccggt gctgccaccc gccatggctg acatcgatgt gctcgccgca ccctttctca 60
tcnntntggg gtanaagcta tttcccnntg tctgggggca acaagcnata agactgcttt 120
tatgccgcgg gtttcaagnn ggcagctcan gggcncccgg gtnttttttg anaaanccac 180
ctgcccgggc cctgaatgaa cttggacaca tttttggaac aagnagaacg anctnncttn 240
tgagcaagga cgantngncc ccttnaacag caggaaacgg ggccaaaagt tcaanccctt 300
taancaaggn gnattgggtt taaaaacaaa atcccnctt ntttgngggg aaaaangggg 360
gngaaacnng cngntttttt tcccgganct caaaccnngg ggggggnggg aagaaaaacc 420
ttgcccccg ggtg 434

```

```

<210> 195
<211> 225
<212> DNA
<213> homo sapiens

```

```

<400> 195
gcacttgtec ggctgcccc ccacatctca cagtgtgacg aaagtcttcc ggttcttcga 60
ggctcgaccc gaggatgtca accctccaaa agagacacag ctagagtgcg ccactctgtg 120
ggaaccagcc ttcaccagac accaaatctg ctgacacctt gatcttggac tttacagcct 180
ccagaactgt gagcaataaa tttctgtttt taagaaatta aaaaa 225

```

```

<210> 196
<211> 143
<212> DNA
<213> homo sapiens

```

```

<400> 196
atactctcca gaagcacag agaaagctgg aaggcagaag aatggacaac ccattactta 60
ccctcccata aatttcctcc cttcatgtc gtcaccagaa ttatttttat aaaactctga 120
ttgtgccaca ctctaaaaaa aaa 143

```

```

<210> 197
<211> 441
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(441)
<223> n = A,T,C or G

```

```

<400> 197
gtatattagt tcttatatga atgacagaag aaacaatgaa attgaaggaa aggaagatga      60
acgctaaggc tcgtcagggt aagcagtggg aatggaaaaa gaacaaagaa atctgtaact      120
gattgtgata aattagttgt aaacaccact gcccttggac cagcgacca cctagtactt      180
cctagttcta tagatttagt ttgttttttg agatggagtc tctctctgtc acccaggctg      240
acctcgactc acagcaacct ctgcctccag ggttcaagtg attcttctgc ctcagcctcc      300
cgagtagctg ggactacagg tgtcaggcct ctgagcccaa gctaaacat tatattccct      360
ggggatctgg acctacacat ccagatggcc tgaagtaagt gaagatccac aaaagaagng      420
aaaatagcct taactgatgg c                                     441

```

```

<210> 198
<211> 405
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

```

```

<400> 198
acctttgctc tgctgctgct gtccctgnta ctggctatgg gactaggaaa gaagaangag      60
ggatncttga gcgctctccc cttcctgcct gtnatanctc aancnaagga agaacaacat      120
ntcatcctca taggcccaag ntacacggaa tgggactttg atcnangact acaggatngc      180
catgnacnnn attcancnac nngantatng aaacngnctg nttgggccat anggggaatg      240
aagaatgact gnaaacacaa catcactcag gtaggaggct cgggcgctgg agctggccgg      300
tcaagctaat atggaaagag gaatgaagct gtggatcccc agagctctcc tccatggaac      360
cccagcgatg aatatttgct gcgggacttg cttattcaag agctg                                     405

```

```

<210> 199
<211> 250
<212> DNA
<213> homo sapiens

```

```

<400> 199
cctgctttaa gtctgttggt acttttctac tgagataaaa tccactgttt gcatccaacc      60
gtttcttttt actattgttt gcaaactgga atctattcca attaagaatt tatgaggcgg      120
ccaggcacag cagctcatgc ctgtaatctc agcaatttgg gaagccaagg caggaggact      180
gcttgagcct aggggtatga gaccagcctg gacaacatag caagaccctg tctcaattta      240
aataaaaaag                                     250

```

```

<210> 200
<211> 600
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G

```

```

<400> 200
gtgaggaatg taagatctgg ggagttaaga tcatgcccac agtcatctag agggatatctc      60
tgtgaagcaa gacaagggtc tctccacat cctccgcatg aattgacctc ccccaaactt      120
ggggcctaac tgtccagctg agctcatata tcttggctctg gagagctgcc tcagactctc      180
caatggatct attcaaacag ctgcctctgt taccttgact cgtctcagat ttcgtcgaac      240
tgagacaggc cctggcacta ggaatgtaag gctgtctcta ttattttgat ttgctccaac      300
aagggagaag cccatgcaag gctcctgctg accatatgtt tcatttctag ctttgatgtc      360
tgatatcga tttccctagg tttaactgtt tgctcaacat taaggcagct ctgtggaaat      420
ttgtctgtgt aattggagtg ctatgcaggc ctgtctgtgt ggctgctgtc atgcangcct      480
gtctgtgtga ttgtcaagga aaaatggcct gccacaagtc ccagcacttt ggaaagctga      540
ggcgggtgga tcatatgaag gncaggagtt caagaacagn ctggncaaca tggcaaaacc      600

```


<210> 201
 <211> 449
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 201
 atcaaatgtt gcctctccag tgatgtaata aattcaacag gccacgaggc ctttgcgctct 60
 tacttcaagc tgctttgaag acctaattgt ccgtttaacg atgtaatgct ctatttatca 120
 gaaacaccct ctctgaagcc cttaaggaat gactaggagg aggggacctc catccttgaa 180
 ttagagctat taaagagctg ccttcttctg atccaggaag tcaactgcca ttttatgagc 240
 tgtgagctgc cctatggaga ggtccacatg gcaaggaact gatgtctctg gccaacagcc 300
 agagaggact gaatccttct agctaccaca gaaagtgaag ttggnaagca aaatccttcc 360
 ccagctgagc cttcagatga gaccacagac catgcactgc accttgattg cagccttctg 420
 agagacccta agccagagac atccaatgt 449

<210> 202
 <211> 439
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(439)
 <223> n = A,T,C or G

<400> 202
 atggaatctg actctgtcac ccaagctgga gtccagtggc atgatctggg ctgactgcaa 60
 tctccatctc ccggcttcaa cagattctac tacctcagca tatagagtag ctgggagtag 120
 aggtgtgtga caccacacct gggttaatttt tgtattcttc atacagacag agtttgacta 180
 tgttggccag gctgggtctca aactcctgac ctcgtaatcc tcccacatcc gcctagcaaa 240
 ctgctgagat gagaggagtg gccactgca cccagcctac tggtttattt ttaaaaatag 300
 caatttgggt ccgggcgcagt gtgtctcgcc tttctatatc aaccaacatt tttttttcag 360
 gctggatgac ctgggatctc ccancctttt gggaggacga ggccccagga ttcctggaag 420
 ttggagttca agaccagtg 439

<210> 203
 <211> 307
 <212> DNA
 <213> homo sapiens

<400> 203
 attcaagggtg aaaaagtttg acttgaggac ttaagtgaca atgagccata atattctgag 60
 tactagccag gggattcaca cagctgaagc ttcaccttcc tttcacgtga cagccttcaa 120
 attgtctcct ttcccaaatt cctacagcaa caccacaaac tcccgtggca tgaaaaagaa 180
 tgggagcagt ggtgcacatc tgtagtccca gctactcacg aagttgaggc cggaggattt 240
 ctggtgcccc gaagttcact tgaaggcctg cctgcacaat ataggaagac tctatctcaa 300
 aaaaaaa 307

<210> 204
 <211> 429
 <212> DNA
 <213> homo sapiens

<400> 204
 gttcaagcaa ttctcctgcc teggcctccc gagtagctgg gactacaggc acacgccacc 60
 atgccagca ggcagacgtc cagggacatg cggccggaag aaccggattt cagcccggct 120
 gagtcaccac agcagccgcc ttgtgatgga tgtagcccgc aggcggatcc agccgcctcg 180
 aaacagggcc tcaagggatt ggataaggcc taccacatt gctgaggggtg gatcttgta 240

ctcagcctac	taatgcaa	gcttatctct	tctggaaaca	tcctcacaga	tacaccaga	300
aattatgttt	aaccagctat	ctgggcatcc	cttgggtccag	ccaagttgac	acatgaaatt	360
accgatcaca	aacactttgt	tgcttcattg	cttatcaaat	aaagcaactc	ttctattgtc	420
aaaaaaaa						429

<210> 205
 <211> 416
 <212> DNA
 <213> homo sapiens

<400> 205						
gttgggtttt	ctggaagcag	atgctgagat	gcagtttggg	gtacaagatg	tttattaaag	60
atcaacacct	gaggaagaaa	gataaggaaa	agaagaactg	ggcagaaaaa	gaagtccatc	120
tgtgaggaaa	ccttggcaag	accttggcta	accctctgtg	gcgctccaga	gcacatatgg	180
cctaccagag	caatcccaga	ccctgcactg	gacggatcac	ctgacactgg	gaacaccag	240
accgtggtaa	tctgggtcaa	ccagttctgc	catccccacc	tgggatagaa	gacagcagca	300
aacctcactt	cgacccccta	tgattccatc	tccaccctga	caaatcagca	cgccccactt	360
ccaagcccct	accgtgattt	gagtactaat	aaaactccca	tctcccacaa	aaaaaa	416

<210> 206
 <211> 353
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 206						
caccaacttt	atcattgtct	gttgccatgg	ttactatag	angtaaactt	gactggatta	60
angattccct	aaagagtnag	gcctntgagc	ccaanctaag	ccatcatatc	ccctgtgacc	120
tgcatnnaca	catncagang	gccggttcct	gccttaactg	acgacattcc	accacaaaag	180
aagtgaaaat	ggncgtgttc	tgcccttaact	gatgacatta	tcttgngaaa	ttccttctcc	240
tggetnatnc	tggetncaaa	gntccccccac	tgagcacctt	gtgancccca	ctcctgnccn	300
ccagagaaca	accccccttg	actgtaattt	tcctttacct	tccccaaaaa	aaa	353

<210> 207
 <211> 529
 <212> DNA
 <213> homo sapiens

<400> 207						
atggagtctc	actctgtcgc	ccaggctgga	gtacagtggg	gtgatctcgg	ctcactgcaa	60
cctccaccte	ccgggttgaa	gcgattctcc	tgccctcagcc	tccagcctag	aattacaggg	120
ttgggtgtga	tccccgaagc	agacgtgtgt	gcattcggga	ctgggtgcct	ccccgtactt	180
ccagtaatca	ggattgtttc	cacagaagca	agcatagcct	gactccatcc	cagcaaactg	240
ccacaacaga	gaagcagcac	acgatagagt	ctcactctgt	catccagggt	ggagtacagt	300
ggtatgatgt	tggctcaccg	caacctccac	caccaggtta	cacagccaca	gagtcatcac	360
cttgaacctc	tgactccgac	aaaaactgat	gcaagtttgt	atgcaagaag	gtagccctca	420
gcaaactagg	aagagaggcc	tcaccaggca	ctgagtcacc	agcaccttga	ccctggactt	480
cctagcccct	tgaactatga	gaaataaatg	tctgttggtt	aaaaaaaa		529

<210> 208
 <211> 292
 <212> DNA
 <213> homo sapiens

<400> 208						
gtcttttaaac	aatggcctaa	ctctttcaac	aaattgccag	tcagaaaatc	tttgaatcta	60
cctatgacct	ggaagccctc	gctttgagtt	atcctgcttt	ttcagactga	accaatgtac	120
atcttacatg	tgttgattga	tgtcttatgt	cttcctaaaa	tgtataaaac	aaagctgtag	180
ctctaccatc	ttggttgggc	acatgtcctc	aggatcccc	gagggctgtg	tcatagccat	240

tggtcactca tacttggctc aaaataaata tcttaaaata ttagaaaaaa aa

292

<210> 209
<211> 428
<212> DNA
<213> homo sapiens

<400> 209						60
gctctgtgga	agataaagaa	gtactccac	tcttcctcaa	ggagccacag	ccagaacttt	120
gctggagaga	taagcaaaca	aagggaagt	taacaagaaa	gaggacagtt	gacatttcca	180
gaactttttc	ttccagtggg	gacagtctc	cagccgagtc	tccagctgca	cctttcttac	240
aaagcacata	gctttgttcc	ttgtattcta	gttatttttg	tatatggata	tcttctttac	300
tagaaaatta	ggtgcctaag	agcagtatct	gtttctgccc	tgctgtctcc	accttctctc	360
ctccttcttt	cacatccacc	tctctatgcc	cacctgccc	cagcatctgg	taatgtgcct	420
atcacattct	aatgcacaa	taaatagttg	ctcattgaat	taataaacia	atgaatggca	428
aaaaaaa						

<210> 210
<211> 516
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(516)
<223> n = A,T,C or G

<400> 210						60
ttttatgctc	tactggctca	gaggtcttag	ttccagagaa	agaaatgctt	ccacgaggag	120
acacaacaac	gattccattg	aaccggaggt	taaaactacc	actcagccac	tttgggtgcc	180
tcatgacgct	gagtcaacag	gcaaaaagg	agttactcta	taggctcggg	tgatttacct	240
gactgccatt	ggggaaattg	gactactact	ctgcaataga	gacgaggtct	cgctctgttg	300
cccagactgg	tcctaaactc	ctggcctcaa	gtactcctcc	tgcttgggcc	ttccaaattg	360
ttgggatcat	aggtatgaac	caccatgccc	agcctagaat	tagtatttct	aacaagttct	420
caaatgatgc	tgatgctgaa	ggggccacac	cttaagaacc	actgtcctag	tgcatctctc	480
cgattttaca	gatgaagaaa	ccacngncca	nggaagacgc	agcttgagca	aggtcacccg	516
gcagtttctc	ttgcagtaaa	atgggaataa	aaagaa			

<210> 211
<211> 221
<212> DNA
<213> homo sapiens

<400> 211						60
gtggaaaggc	aagtttaatc	tacaatttta	gtcgccacca	atacactctc	ttagagcttt	120
tcatgacacg	tctcataaag	aaatgctgat	ggccgggagc	ggtgggtcac	gcctgtaatc	180
ccagcacttt	gggaggccaa	ggcgggcaga	ttacgagatc	aggagatcca	gagcatcctg	221
gctaacacgg	tgaaaccccg	tctctactaa	aaatacaaaa	a		

<210> 212
<211> 402
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 212						60
caggtagaag	aggcccgtgg	gtttcttgct	gatgagatgg	atgcagccga	cattgtctgt	120
gtagccgatg	ttgtgccacg	tgatccccctc	gccctgatat	tctcctgca	gggtggcg	180
ggggtcgaga	tcgacagatg	ctatgctgta	caggctagtc	tggaacctct	ggcctcaagt	

gacccctcctg	cctcgggtctc	ccgagtagct	gagattacag	gaggaaacgt	agacatggcg	240
tggcattcag	agattcctgg	gaaaacattc	tcctacctct	catccttctc	ctgagacacc	300
aggcgagact	tttcaagcag	atatttctcg	acgacagctc	tgtccttttag	agaaaaacng	360
aaagaattaa	acctttcctt	ttaanattgg	ggccaaaaaa	aa		402

<210> 213
 <211> 216
 <212> DNA
 <213> homo sapiens

<400> 213	
ggcctggcct	ctctgagcag ggcagccatc ctccctccgtg cagctgggtg gggatcatgaa 60
ctctgattca	gaaagaggga gcaggatttc ttgctaagac ctccctggccg aagtcaaatt 120
ctctgacctg	cttttactga aaagccttgt tctgagggca tacaggagcc tcaatcaacc 180
atttaataaa	aatgcttcct caccgtcaaa aaaaaa 216

<210> 214
 <211> 374
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 214	
gtatgagaca	ccacacctag ccctgaagct gctcttggtt ggggggtcatc ccacacctaa 60
gaaagaaaga	tgatggctct aaagaagatg aaaaagtcac tgggtgtcaat caactctagg 120
ctccaactca	ttatgaaagg cagaaagtag gctgggcacc gtgggtcacg cctgtaatcc 180
cagcactttg	ggaggccgag gcagggtggga tcatgaggtc aagaagatcg aaaccatcct 240
ggccaatggt	ggtgaaacac cattcttcca cttnaaaata nccaaaataa gctnggcggg 300
ggtgggggnc	cactgnangc ttaantnntt ggganggttg ggcangaaaa tgggttggac 360
ccgggagggg	gaaa 374

<210> 215
 <211> 121
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(121)
 <223> n = A,T,C or G

<400> 215	
atgactgtac	acatacccct gcccaattta tatagctctt tgtggagana attnaggggg 60
ggganccact	tttgaaggaa aaaaccccg ggnntttancc ttttaaaaaa aaggggtttt 120
t	121

<210> 216
 <211> 130
 <212> DNA
 <213> homo sapiens

<400> 216	
acatggtgct	gccctcttct gacaaattga gaaaacagca gacgccctga ataccatca 60
aggacattta	aaattaccat ccacttgttt tcaaaaatga aataggaaat ttgcagcaca 120
caaaaaaaaa	130

<210> 217
 <211> 203
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(203)

<223> n = A,T,C or G

<400> 217

gaggaagatg	acacctatag	gagaananna	tatgaataca	gaggcatata	ttcgagtgt	60
gtggtcacaa	gccaaggaat	gccancggcc	accagcagct	ggaanagcca	nggaatgaag	120
anagtacggc	cttgccancn	ccttgatctt	ggnccancca	tactgatttt	agattttctgg	180
cctctanaat	tgtgaacaaa	taa				203

<210> 218

<211> 288

<212> DNA

<213> homo sapiens

<400> 218

gtcttcctta	atatatgtca	gcagtggagt	ggtgtgctta	aggagagaga	gacttggaaa	60
aatacagacc	gagaacaagg	ccatgtggag	atagaggcag	agactgaagt	tgtaccacca	120
aaggcaaaga	atatcaagta	ttatcagtaa	ccacaggaa	ctggaagagg	ccaggaaagg	180
tttttcttaa	agaccttgga	aggagcctga	ccctggaaca	ccttgatttt	agacttctga	240
ccctcaaaat	tgtgaaagaa	taaatttctg	ttgttttaag	caaaaaaa		288

<210> 219

<211> 429

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 219

gtgggggtctt	tcacggtaat	taggaaatgg	agagtggccc	tgtcagatgc	aaaggagaat	60
atcaaatttg	gaagaaagta	ctgcctattg	cacaagagtc	caggttcctg	ctacatcctt	120
cctaaaaggc	cttccccctgc	aagcttgccct	acctcacatc	gactctcccc	acatagctgc	180
aaaagtggac	gtctgagaag	aagggggagg	aagaggagaa	gaagggaagag	atgaagaagg	240
cnaagatgaa	gaaaaagaag	aagaggagga	agaagaagaa	ggagggaagag	ggggaaaaga	300
ggaggagatg	atgttatgtc	atcccttcac	ccttccccctg	cacacacaca	cacacacaca	360
cacagacaca	cagacacgca	cacacacaca	cacacacacc	aagaaaaccc	ttcnagagct	420
tcccattgt						429

<210> 220

<211> 375

<212> DNA

<213> homo sapiens

<400> 220

gcaccaaagc	tctggctctg	tcctcctggt	gtctgtggga	agaaacagtg	tgttgagtcc	60
agcttgaccc	agctcctgtg	gtcatctttg	cctccgcagc	ccctgacatc	accttggtag	120
cctgaaattg	gccacaatga	gactatctac	accatgcaaa	gcagcaaaca	ccgtgtttca	180
ggatttttga	gcaaacacac	atattggggt	tttgggtttg	tttctgtgtg	ttttgtttg	240
cttaccagca	caccactggt	tgtgatttta	ggggccataa	aaaatgggtg	ttttgagctg	300
ggtacagtgg	ctcactcctg	taattccagc	actttgggag	gccgaggcag	gcagatcaca	360
aaagtcgttt	gtttt					375

<210> 221

<211> 118

<212> DNA

<213> homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 221
ctttatattc aagccagtgg caatccnact ctcttcctga ctcactgtct catcaacgan      60
gcanagctct cgaagagaaan tctctcttac ttgcctgagg gaggggtggca gacgtttt      118

<210> 222
<211> 167
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 222
taaaaccaat cttgccttat tgnaaatata cnttccccta attcacaggg tgaagccana      60
ntngngngctg ggntcggacc aggggggnngn ntncnactct gtgnatntgc ccttntcctt      120
ggggatacta aggaataaag aaagtgatca ttggctacgt tgaaagc                      167

<210> 223
<211> 231
<212> DNA
<213> homo sapiens

<400> 223
gtgcggaaga caactcgatc atcatggggc gacaaagtcc actgtgctga gcacctctgc      60
aagaaaaccc aaacacatag ggctactcaa tgaagatgca agttcaacgc tagcctaagc      120
cctggaagaa aacacagcca gagtataagc ttcaagggga aagagatcct aaatgtatac      180
cattcttacc aaaaataact atgcacatgg gaggcttctg tgaaaaaaaa a                231

<210> 224
<211> 296
<212> DNA
<213> homo sapiens

<400> 224
ggcttctctc ttccctggag acgtaaaacc agaaggattc agaaggatct gccaaaggaa      60
atctggaccc cataaacgat caggtgattt catgtacata aggggtgttct agaggaaaga      120
tggtgtgcac caccctgcga gggacccttt cacatgttct gatatgatta tcaaagtgaa      180
ataaaaatcc agctggattc atgctttcaa ctggacttgg attcccacaa ggacttgaaa      240
tttaaattct ctagaataaa tgatattggt actgaattca actgaaaaga aaaaaa          296

<210> 225
<211> 327
<212> DNA
<213> homo sapiens

<400> 225
ggtgtacagc aagctgtgat tcctgggaaa actaaaaaag agacgggggt ctcactatgt      60
tgcccaggct ggtctcaaac tcctggcctc aaatgatcct ccagccttgg cctcccaaag      120
tggtaggatc acaggcatga gtcaccacca ctgctgatgg cctgacgcac gcttttgata      180
gcacgttgga gggatctctc taaaattgac ctggctcggt tcattctcag cagactgacc      240
tgggccactc agcacggctt tccttattcc tgatgctcgg ggatgttctc tttttacaat      300
aaagtcatca tcggcagaaa aaaaaaa          327

<210> 226
<211> 357
<212> DNA

```

<213> homo sapiens

```
<400> 226
gtaaacatcg gactgacatc tcctttcaaa cattcattga ggatctactc tgtgagaaga      60
agcaatacca tggtatctca ttctagttcc agttctagtt gacttgattg tcaaacgact      120
gctaagaagg tgaaatagag gagatgacat gaatgaggga ctacattgga atgaagaaga      180
aactggagga ggtaaaaaaa ctgaaggctc cggatgtcgg ctatgctcct gtttaggtat      240
gcagacctga cttcttgact gcagatcccc gaaaaccaga attgggtgct ctgaacgtgc      300
tcaagagaaa gtcaaatttg aaaccattg  tgttaaaacc tgttgtaagg aaaaaaa      357
```

<210> 227

<211> 373

<212> DNA

<213> homo sapiens

```
<400> 227
ccagccaaca tgtatgtatg ctgaaaagcg agagcacact gatgaagaac actgcgggca      60
caaagaaaaa gaaaagtggg ttattgaaaa aggaaaggac agaaaagaaa aaccaggaga      120
agggtgtatg gaagctggga ccctggccct gtgcagggga gatacaagggt gcttctgggg      180
aggctgccac catctggggc actggcacat ggggcacggc agggctcggc ttcctgatga      240
tgccgcctat cccagttgcc caccggaagt tgcagtcccc agattagttt tgtattgatg      300
gaaatttaaa aaaaattata ttacataatt ttatgctttt tgaaaatagc taataaactt      360
ttattggtta aaa                                     373
```

<210> 228

<211> 116

<212> DNA

<213> homo sapiens

```
<400> 228
gcaggggcat ccagtgggtc aagggttaca taagctgtga tcgtgccact gcattctacc      60
tgggatgaca gagtgggacc ctgtgccaca gagtgaagacc ctgtttgaaa aaaaaa      116
```

<210> 229

<211> 513

<212> DNA

<213> homo sapiens

```
<400> 229
atggtgtgtc cggaattggg gggttcttgg tctcactgac ttcaagaatg aagccgcgga      60
ccctcacggt gttacagctc ttaagggtgg gcgtctggag tttgttcctt ctgatgttcg      120
gatgtgttcg gagtctcttc cttctgggtg gttcgtagtc tcgctggctc aggagtgaag      180
ctgcagacct tcacgagatg ggatcttgct atgttgccca ggttggcctt tgaactcctg      240
gcctcaaggg atcctactcc gtcagcctcc agagtagctg agactacagg tgcacccac      300
ggagctgggc tttcttccta tttgtctatt ttcaggaaat attttcagaa aggatggatg      360
ggtgataaac tttctgagcc cttcatggtc aagcttttct tatttgcaac atggagatca      420
aaatacctat cccacagaat tgctgaagat gaacgaattc atacttttaa gcttttagca      480
gagttcacca tataagcaat caataaatgt tag                                     513
```

<210> 230

<211> 272

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(272)

<223> n = A,T,C or G

```
<400> 230
tttagactct ggggactcct gcttnnttna gaaattagcc cacatgggta nctnctntct      60
tttttttaan naggtacnga ctttaacggg ccctnacgac gatangcatg ctttgtctna      120
aaggggggat attgtagggg aaagagaaga tcccgactgt tactgtgtct acatagaaaa      180
```

ggaagacata agaaactcca tttcngactn gcaccctgat ttaattcggt tttnccttga 240
natgctgtta tatattgtaa ctttagcccc ca 272

<210> 231
<211> 281
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(281)
<223> n = A,T,C or G

<400> 231
gcaccaaagc tctggctctg tcctcctgga gtctgtgggg aanaaacagt tgtgcttnag 60
tncagcttgc accanntcct gtggatcatn ttgnctccgc agcccctnga cattcactct 120
tgggtagcct agaaattggc cacaattgan gactatctac caccattgca aagcnagcan 180
aacacccgtc gtttcanggg attnttncn tgcaatacac cacnatattt tgggggtttt 240
agggttatgn ttctcgtct gaatttttgt tgggctttta c 281

<210> 232
<211> 447
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

<400> 232
aaacctctgg agattggggt tcggagagca catctgtgtg tccacatgct gggaggatgg 60
tgagcccat ctccatgggg acagaggctc ctgtgctcag agcccttcca ggcctcacc 120
tgtgcacctc ttcatctggc tgcctccttg ttatcttcac aggtacagga caaagacaag 180
actagaaatc atccctccac ccaccagag tcaaacgcat atttgacttt tccacccaat 240
gtttacttta tcttatttaa aatgcagatt tactgagcat gagatgaatg catagttagc 300
tatttttttc ctctcctggc tgcctcttcc cctgtacata ttgaagtcct caaaagcctg 360
ttaggaaaga acatgggcn canaancnac caaggattgg ggcctctggg ttccaagggg 420
cgtcttcagc ttggcaaat aaacttt 447

<210> 233
<211> 118
<212> DNA
<213> homo sapiens

<400> 233
gctgtgagtt cccatcggtt tcttgagatc gcccttctgt ctttagcctc ttcactcctg 60
cattcatcac agtgaagatt gctgcatcca tccttccagt acgatggaaa ataaaaac 118

<210> 234
<211> 372
<212> DNA
<213> homo sapiens

<400> 234
ccggtgctct cctgaactca ctattcggga ttcattgctgg acatgtcact gcagctgccg 60
ccgccgccac cgccgccctt gctgccgcag ccgccgccct gactctccgc gccacggccc 120
atttacacac acagtcggat gtatctttct gagacagcac ctgcatcgtg accccacaac 180
cttcaatggc tccacatccc atggatggga gggacacagc ccagagccag cctaaaatcc 240
aattcctacc ttcgtcccg ccttcagggt gaattgtaat gtattatctt ttagttgcta 300
ctaaccctga gccattctgc aagactggaa aataataagc aataaaaata tgccatttca 360
ttacaaaaaa aa 372

<210> 235
 <211> 369
 <212> DNA
 <213> homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(369)
 <223> n = A,T,C or G

<400> 235
 accgaaagcg aaggaagctc ctgctcctcc taaagccggn gccccagcga agtctgttct 60
 ggtaataatg tgagtaacca gtgaggaact gaggtctccc agcaaccacc tgtgtgaagt 120
 tggaagcggc gctctctctc tctctctctc tccagcaacc agtgaggaac tgangtctnc 180
 aacnccccnc ctgtnnnaag gctggnagca ggtttnccta anctcagtca aaccttgaaa 240
 ctgactgaaa acctggncaa cagcttgant aaaacctcnt gagagaccct aagccagact 300
 cgcttaccta cagaagcctt tatctgtatc tctgaataaa tgtttggtat tttaagctac 360
 taaaaaaaa 369

<210> 236
 <211> 367
 <212> DNA
 <213> homo sapiens

<400> 236
 cacaaagcca gctatacaat agttgtgtgc tgctgaatgg aatttgaagg caatataaaa 60
 taatgtacag catcactgaa ctgggggatta aaaatcccaa gtttgagtac tgtcttgga 120
 atgcactgcc tttgtcactc agaattatct ccaactggagg gcagtctcct cttgggaaga 180
 aatgaatgcy gatacaacct tcttaacaga ccaaagttta aaatattgac taagactgtg 240
 gcattcacat ggggtttcatt tcaagacaat ttctgggaga tggagtattt gggataaaaa 300
 aaaatgtgta ttctatgtga agatactgcc aaattaaagg tttatttctg tctgctaaaa 360
 ctaaaaa 367

<210> 237
 <211> 266
 <212> DNA
 <213> homo sapiens

<400> 237
 atgggctgct gcctgacaag ctgggacaatt ggtttgccct ttcattctgg agagttacag 60
 actgagaggg gaagaaatga aatccacgga attcagggca ggctgcaagg tgaccatgag 120
 cacattcacc agctcctgat tagaggcaga tgtcgccacc acccccgtct tttcatggct 180
 tggatgattt aaaaaagaaa tttaaaaaga agcaccaggt gatgcagcag ataataaact 240
 tatggaactc atttcccaaa aaaaaa 266

<210> 238
 <211> 413
 <212> DNA
 <213> homo sapiens

<400> 238
 agaatcaact ggggtccctga aggaggtgct ccagcggcct gctccgtcct gtcggaggct 60
 tctggaaggc ctgtgttctc acctgccctt agtggaacc ttctattcat ctgatctatt 120
 ttcttgtggg tgtcagggcc catatgtctc catctccctt tccagctcca agatatctgt 180
 tatgggctgc attgtatctc cacaaaattc atatgttgaa gctgatatga ttgggacctg 240
 tgttcctgcc caaatcccat gtcaaacgcc atgtgatgtg tgctttccct ttgccttctg 300
 ccatgattga aagtttcctg aggcctcccc agaagccaag aagatgccgt catgcttctt 360
 gtacagtctt cagaacgatg tgtcaattaa atctcttctc tttataaaaa aaa 413

<210> 239
 <211> 456
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(456)
 <223> n = A,T,C or G

<400> 239
 gtttaaacca atcaaacatt cttcttttga aacaactgat tgcaatattt ctacgctata 60
 gtttcactga ttcctgctga cttcctaagg tactgcacac atggaagaga gacaagatct 120
 tgtggctgga tgtgggtggc catgcctgga atctcagcac tttgggaggg cgaggcgggc 180
 agatcactta agccctgcag gaaagtcata atgtggccct ggctggaatg aagcacagtt 240
 gcagccttct ctctcgtgtt cttgaaggat tcaaagtgcc cttgcagtct gagaaagagc 300
 cagaagaacg ttctccttga gtcctactct gcaaccaagc ctttccgagt ggctgctctc 360
 ttgtatactg gggaaagggg ngatgatgtt aaccaaaggg acccagcagc agacatgagg 420
 agcaacnaag cncaagacaa gccccccgag ccccgag 456

<210> 240
 <211> 191
 <212> DNA
 <213> homo sapiens

<400> 240
 tgagggggagg aaatggaagc tcggacagat ggacttgcta ctgggcacgc agaagccggc 60
 tagcatttgc agacagcctg accttgaggc ctgcgcttga acaccttcct ccactgcttc 120
 tgagaaccca gcagtttcca acggcagcct cccttcagaa ggaaaataca ctcttgtctt 180
 aaaaaaaaaa a 191

<210> 241
 <211> 364
 <212> DNA
 <213> homo sapiens

<400> 241
 cctccagcat ttctacctga tgaaactttg gctcacttct tgggtgcctgc ctaattctcc 60
 aaatcatcac aggattattt ttggccatgc actgttcatc agacacctca actgccttct 120
 cttcagtcac tcatatcagc tgagagaccc agacctagat gcacctgaaa tgccaaggaa 180
 gaggaaccac tggatgactg aggaaggcat gaagaaagat gcacccctta actagacctt 240
 caagatggaa tagagttttt aagaaataac acttacactg aattgcttta attatataaa 300
 ggaaccatag aacatttgaa aaaatgtaga taagaataaa gatgtaaaga ttcaaaaaaa 360
 aaaa 364

<210> 242
 <211> 190
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(190)
 <223> n = A,T,C or G

<400> 242
 tcttacacaa gggattcagn ccgncttang ttctgntaat gacaacngtt cttgaanttc 60
 ttcaaggccn gnggtnaaaa ggaaaagcca gccgggcaca gtggctcacg cctgtnatcc 120
 caacactttg nngaggctna tgcggncgga tcacctgang tcaggagtgc ganaccaagc 180
 ctggccaatg 190

<210> 243
 <211> 127
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature

<222> (1)...(127)
 <223> n = A,T,C or G

<400> 243
 aatgccccgt gtgttanaca gnnttcagnc caggccanca agngncanca cacatctttg 60
 ccagtgcacg ggcaggagga caangattta nnactgctna cngtgccctc agaagtttct 120
 tcttcca 127

<210> 244
 <211> 239
 <212> DNA
 <213> homo sapiens

<400> 244
 agatagcgtc ttgctatatt gcccaagctg gcctcaaact ccaggcctca agcattgctc 60
 ccgtccaaag tgggaaatga atacagctgg gcgtggtggc agatgcctgt aatcccaacc 120
 actcaggagg ctgaggcagg agaattgctt gaacctggga ggcagagggt gcagtgcagc 180
 gagatcgcac cactgaactc cagactagga gacagagcaa gactccaact caaaaaaaaa 239

<210> 245
 <211> 136
 <212> DNA
 <213> homo sapiens

<400> 245
 acccgaggg caggaattcc gagtccgggc tggagcgca tctggaatcc ggctctcttg 60
 aaacagcacc gcggaggatt ctgatccgga caacttctcc tcatgaagta cagagtcccc 120
 cacctccaaa aaaaaa 136

<210> 246
 <211> 446
 <212> DNA
 <213> homo sapiens

<400> 246
 gactcaggtt ttttaattaat tgactggata aacatgtcag gcctctgagc ccaagctaag 60
 ccatcatata ccctgtgacc tgcacgtata catccagatg gcctgaagcc actgaagaac 120
 cacaaaagtg aaaaatagcca gtccctacct taactgatga cattccacga ttgcgatttg 180
 ttccttgccc tttccctaac tgatcaatgg accttgtgac actcctttct cctggacaat 240
 gagtctcagg agctccccac tgagcacctt gtgaccccca cccctgcccg caagaaaaaa 300
 acccccttta actgtaattt tccactacct acccaaatcc tataaagaat gcctcacccc 360
 tatctccctt ttgcttgact cctttttcga actaagtcgg cctacacca cgtgattaaa 420
 agctttattg ctcacccaaa aaaaaa 446

<210> 247
 <211> 510
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

<400> 247
 ggcattgatct cggctnactg caacctctgc ctcccggctt naagtgattc tntgcctca 60
 ncctcccaag tagctgggat tataggtgca caccancaca cccaggctca tacggaagaa 120
 aggacttgcc tntgntcata tngactntg gatttggact ttagngtgaa tgctggantg 180
 atctaactact ttgggtgatn gttggaaagg catgattgtg ttttgaaatg tngacatg 240
 atatttgga ggagccagggt gtggaatgat atggtttggc tgtgtctcta cccaaatctn 300
 atcttgnatt gtagnnncca taatccccac atgtantggg agggaccnc cntgaggtaa 360
 ttgaatnatn angntantta cctccatgct gtctcatgat agtgatgan ttctacang 420
 atctgatgat tttataaggg gcttttcccc ctttgcctcg cactcatcct ctctcctgtt 480

510

<400>	248							
agatagcgtc	ttgctatatt	gcccaagctg	gcctcaaact	ccaggcctca	agcattgctc			60
ccgtccaaag	tgggaaatga	atacagctgg	gccgtggttg	cgatagcctg	taatcccaac			120
cactcaggag	gctgaggcag	gagaattgct	tgaacctggg	aggcagaggt	tgcagtgagc			180
cgagatcgca	ccactgaact	ccagactagg	agacagagca	agactccaac	tcaaaaaaaaa			240
a								241

<400>	249						
gtcgcaggct	ggaaggttg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg		60
cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacgg	gcatactgcta		120
ccacgcctgg	ctaatatattg	tatttttttg	agagacgagg	cttcaccatg	ttatccgagc		180
tgatctcgaa	ctcctgagct	caagcaatcc	tccaccttg	gcctcccaa	gtgctgggat		240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaagcca	aaaaaaaa		298

<400>	250					60
ggacgsggggc	agagaaattc	tagccagaaa	agtgtgggtc	actgacaaac	cgccactctc	120
aagccaaaaa	acctgaacc	acaggccaaa	gtgagagctt	atatacctgt	tttcccactt	180
gaatgctgct	ttttcctcaa	ccacccttg	ccccgccctg	cgccatcctg	tgccatttaa	240
aaccccgagc	tcagctagta	catgggacta	tggctggagc	tgggagaaaa	gcagcttgac	300
ttcagaagga	cagcttaaca	gcgtaacttc	ggagaagaat	tggtctggag	atgacctgac	360
ttcaggggaa	ggtaatcttc	ctaccccttc	cgatttacag	ctccccttcc	cactgagagc	397
cactttcatt	agcaataaaa	tccccgcgat	ttaccat			

<400>	251						
gaagagtgct	gaaaagattg	aggaaactgt	tagcgatagc	tcctcagaaa	gtgaggaaga		60
tgaagaacca	cctgaccatc	gtcaggaagc	aagtgcagat	ttgccatcag	aatattggca		120
aattcagaag	ctggtgaaat	atttaaagga	agttctagaa	gatattttgg	accttgattt		180
atctgtctca	gaaacagacg	attttatcca	gcttgtaagt	ggcgaaaaga	cagtgtttgg		240
atccattcca	ctggctcatc	catatggggg	ccagcaggtg	cccagtggtg	gttgttcccc		300
ctggcgtgtc	catgtgtctc	cagtcagctc	caacttataa	atgagaagat	gcagtgtttg		360
gttttctgtt	cctgtgttaa	gtttgctgaa	gtgccccaat	gccggg			406

```

<400> 252
attcctgggc aatagccaat ggtcttggtt tttggcccag caaatagaaa atggacaatt    60
tctttattcc aaggaaaaga actatggaga tgggtccactc agcatcaact ggggcttcct    120
gctttgctca tttctcctcc tttctgctgc catgtgaagg actgggttgc ttccccttcc    180

```

accatgattg	taagtttctt	gaagctcttc	cagccatgct	gaactgctcc	tggatggaag	240
ggacttgcct	tgtctcagat	aagacttttg	acttggactt	ctgacttaat	gttgaaatga	300
gttaggactt	tggaggactg	ttgggaatgc	atgattttgt	tttgaaatgt	ttggatatga	360
gatttgggag	gggccacggg	tggaattaca	tggtttggcc	atgcacccac	ccaaatctca	420
tcttgcattt	taattcccat	aatcttccca	tgtcc			455

<210> 253

<211> 461

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(461)

<223> n = A,T,C or G

<400> 253

ggcaaagctg	agcctgctac	ccctgggtgg	aagaagactg	gctggcatca	aaatcaagag	60
cattcaagag	ctaatatgaa	aataaggctg	gagaagttgt	gggaaaagtt	cctgtggcca	120
tgagacagtt	gtttgattct	tagcctcttt	ctccaaatga	tctagtttac	taagaagaat	180
ttgggcttcc	tctatgggag	acagtatccc	gtggccatga	aaggctgcca	ttttgtgggc	240
tgccactga	gagagcccca	tgaggacaac	ctccagctga	cagcaagaaa	ccaaggctct	300
agtttagagag	cccatgagaa	actgaatcct	gccaatcaca	cgggcttggg	aacaaattct	360
tcttccattt	cannctaan	ccntgtgaan	atgtgcctga	tccctttctt	tntgccacga	420
ttgtaagttt	cctaangcct	ccccagaagc	agaagcctgt	a		461

<210> 254

<211> 490

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(490)

<223> n = A,T,C or G

<400> 254

atggagtttt	gcttctgatg	cccangctgg	agtgcaatgg	catgttcttg	gctcaccgca	60
acctctgcct	cttgggttca	agggattctc	ctgtctcagc	ctcctgagta	gctgggatta	120
caggatatga	tgacataagg	gatgatgtat	gttcaaggta	gcctcagagg	aagcaatacc	180
tcgaggtagt	tcatctaagt	ggggacattt	ctgcaggatt	tcaaacgacg	cagctggtgt	240
gaagcattgt	acatttcaag	aacaccagat	acagatgtat	aagaaagtgg	atgaatgaaa	300
acaaactcaa	aagtacattc	aaacggagca	ctttggttac	cctggactac	tgtattttct	360
acccagccca	cttccattga	tgtaacatcc	taccatctag	aagatcctcc	tgttttaaga	420
cactatcttg	caaatgcccc	tgctccatac	tcagactact	gcaattacac	agtaagatta	480
atgaaaaaaaa						490

<210> 255

<211> 314

<212> DNA

<213> homo sapiens

<400> 255

agatgagaat	cttacttttt	ttttggcggt	gaagcaggct	gtgaaccagg	actgcctgac	60
acgaaaatcc	atgtcctagg	ctcaggctgc	cctctgaaat	ctcctcttca	caggggaagca	120
gtgggttttag	gcctgggatg	gattggaatt	agaaaaatgtt	tcttcaactgt	ggagttcgag	180
aagccccgtg	tagagctcaa	gcaactgagg	agttggattc	cacccccgtca	tcactttcaa	240
gcctaaaaatc	tgatgaggga	ctgaagctga	gcagggaaat	cagaaaaataa	aaatgagaaa	300
tgtaaaaaaaa	aaaa					314

<210> 256

<211> 254

<212> DNA

tacagggatg agccactaca gccagtcaat aaaattactt ttaaaagcca aaaaaaaaa

298

<210> 261
 <211> 502
 <212> DNA
 <213> homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

<400> 261									
ggagaaaacc	cgctaagccc	cgtagggctg	gaocctacag	attgggaggc	tgacagatgt				60
ggggatcaac	cccatactctg	cctcttactg	gctgngagat	ctggagcatg	atgctttgcc				120
tctctggacc	tcagtttcct	catctgtaga	atggggacaa	taacttcaca	gtaggtttat				180
tgtgagaatt	taattaatat	ctgtaaactc	ctcaccacaa	gaacagacac	agggtagacn				240
ctattcatgc	cacaaagatt	tagagagcat	nttctcagta	ccagcattac	acaaaggctg				300
ctgaggccct	ggnaacagtg	acgtgggtcc	ttctctccag	aagcaaaagg	aaacacaggg				360
tgtggtgaga	gataaccaag	gctggggccg	agcggggagc	tcattcagag	agggtgctta				420
ggaggtgaca	tttaagctga	nncccaaaga	gtgaganggg	gccnagcnta	ttgagagcag				480
aaggacgatt	tttcccgcag	aa							502

<210> 262
 <211> 315
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 262									
tccccgggag	ctcgcagggc	tgcgacgcct	tcctgcggct	ataaaatgac	atctcatctn				60
gcccattcatt	ctgnnnaaag	acnggatccn	cttcccccg	gaagactgct	ggnagncccn				120
ggnnntangn	ggtncccaac	nctaaggacc	agggaccggg	cgccgccttc	cagctnaatt				180
aagcaanccc	ttccccanan	ctcaaagcct	gcggttcant	ggctgcccctg	aactttggca				240
aggaanatct	ggagggggcc	cncctggnc	atcttctact	aaatgggcct	nnggcttccc				300
ctcttttcca	tccag								315

<210> 263
 <211> 453
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(453)
 <223> n = A,T,C or G

<400> 263									
aaatgtttat	gacttgaaaa	ctctgtcttc	tggactgata	catgettacg	atggtagctc				60
catgatgcct	gagaggaggt	gaaacagtca	actggcaaac	tttcagggat	gccaaaggag				120
ccaaagaaaag	tttattccac	aaatcctgga	aaagttcact	aaagatgaaa	actgggtggg				180
ggtcatgaca	catatttcac	ttttttcaga	aagtaaaaaat	gtctggcaaa	gcaagaagaa				240
agatctttca	agtgcacaca	aagattggct	ccttccccaa	attaatccct	ttactaatta				300
gtcatggata	cttctgggta	cctgattttc	atggcaagg	ccctggcaat	actcagtcaa				360
gtctctcagg	ttctgggtgc	caacgcttcn	tttttntaa	tggntgnaaa	aaccaaacag				420
gcccaggccc	cggttgtctt	ccacaaatgc	agt						453

<210> 264
 <211> 204

```

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(204)
<223> n = A,T,C or G

<400> 264
taacttacca ttttacatat ggtgaaactg gcaaaaggct gtctgaacta cactcatatc      60
attcaagtct cacctgctnc agtgaaggga caaagggtgcc aggatgcaaa gccagaatgt      120
gagcagtgc caccacactt gacaaatccg ttgttgacaca catttgtact cttcaatcaa      180
caaaacctga tgcaaaaaac agaa                                     204

<210> 265
<211> 483
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G

<400> 265
ctctttcagg gaacagatca gctttttctg acagacagta antgagatga actagcaaag      60
acacaggagt aaggagtttt tcctaaagag agaacaagaa tggggaagaa acgaggggaag      120
caaagggcaa atgtctgtct cccccagggg acaagcttca caagaaggag gtgtaatatc      180
agcaacacag agagccagct aaggctcatc cagtcatgca acaaatacct cctgagcatc      240
tactatgcag tgagcactat tctgtgccaa ggacacaaca ctgaacaaga tgagcgagct      300
ttctgctgtc cagctcacct tctagagggg gaaggagttt tgccacagcc atggccctgt      360
gcttgccaga ccgtttgcag ctcacggccc attcacataa cagcgtcacc acagcttcat      420
cgttgggcgc aacctaataga ccaacagaga ggggtaccag ccacatcaaa tgaaacattc      480
acc                                     483

<210> 266
<211> 349
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 266
taaaagggtt tgggttttgca cctaggctgg agtgcantgg gtggtgaccc ataagttccc      60
tgcaagcctt tgacctccca aaacacaaag tggtcctttn cacctcagcc ttccaaagca      120
agctgggact acaggcacac catcatgtcc agctaatttt taatttttgt agagatgggg      180
tctccctgtg ttgccagggc tggctctcaa ctcctcagct cgagtgattc tcctgccttg      240
gcctcccaaa gtgctgggat tacaganaca aaggctcgct ctatcgccca agctggantg      300
tggttggccc tgcaaacagc tatgattctc tagttaacct atttgatt      349

<210> 267
<211> 157
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

```



```

<400> 267
tgaggggattg atcattaatg ggcttaacta tccttncatg tnancctctc aagnacctgg      60
gactaccgtg catgccacca caccttgctt anntctgtgt ttncnccccg gacanagctn      120
ggcctgttaa cccaggctgg gccttaatgc ctgggggt      157

<210> 268
<211> 266
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 268
aaccagacta tgaaacctgc tggctgaact acctggactt ncaccnctgt ctgaaggcgg      60
tgaccgctaa aggangncat ttctntgtgt gcaaattgna ccagaagtgt gtaccacacc      120
ctctgccccca natgatggat ccaaacnggg ataatacaacc cggctgaagg cctctttcnc      180
gggaanatct gaacnggctc gganctccct ttactagtgt ccttntcctt ngccacgatn      240
gtgaactggg gacctgtgac cctctg      266

<210> 269
<211> 294
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 269
caggctgaat ggcaagcggg tggcacaggg cttccgcgta aggcncgcat ngnnngaata      60
atggntatct catnttgctg aggcccaccc ccttcaaaag gttgagacta aaaaaaacia      120
ctgacataat ttgtgccgct ggcacatagt taacactcaa taaggccggg cgcantggct      180
tacacctctn atcccnntac tttgnnaggc tgangcaggn ggatcacttg aggccaggag      240
ntcnatacca noctgaccaa catggtnaaa ccccatntca actaaaaata caaa      294

<210> 270
<211> 216
<212> DNA
<213> homo sapiens

<400> 270
ccatgaatgg caggtcacag gatcctcatt ccagaggtgc ccgccccata tccagaggaa      60
agaaacatct ttaactctga agacacaggg atacagaaga atctgaacaa acagccttgc      120
taaattctcc ccagtttatt cccattagat cacacccact ttatccaatt atatttctcc      180
atgactgtcc agtcttcctc aaacttaagc ataaaa      216

<210> 271
<211> 416
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 271
agccccatgc cagcgtgtga tgatgacaca gtcnctgggt tggagatnca caanaacnac      60
tattaactta tggatttgnc catcntggng antataacaa tactggacat ctanaaggaa      120

```

ccntcannnt	gccngatgac	cctgagttna	ggtgnaggat	gacgcgctca	cttgagatc	180
tcggcctacc	ctgggccaag	tgatcgtcca	cctcaaccac	ccaagtaac	tgggatnact	240
ggtgtgcgct	accacacctg	gctaattntt	gtattgatng	tagagatngg	tntntgcct	300
ngnacnnacg	atgntctcta	acatactggc	tgaaanaagt	ctntcttgtc	ttcccaaaag	360
tgctganatt	accgcgcgtg	agccacttgc	gctnagccta	ntttgacttt	ttattg	416

<210> 272

<211> 570

<212> DNA

<213> homo sapiens

<400> 272

tccttctgac	cctcgtggct	tctcctgctc	caaggccaag	ctcgggaccc	tgtcatcatc	60
cccggggaca	ggccccatct	tagagaggat	ccaccagct	cccgcctcct	gagccatctt	120
ccagctatcc	cgctcgcaga	ctcccaccgc	acctgctcct	gggctgcagc	tgcaccaaac	180
aagtcaacat	gtggattgct	tctagaattt	ggatattatg	aacactgctg	tgctgaacat	240
tcttgtacac	ttatatgggt	tggctgtgtc	cccacccaaa	tctcatcttg	aattgtagct	300
cccataattc	ctatgtgtcg	tgggagggac	ccagtgggag	gtaattgaat	cataggggca	360
ggtctttccc	ctgctgtcct	tatgatagtg	aataagtctc	atgagatctg	atggttttat	420
acatgggagt	tcccctgcac	aagccctctt	gtctgcccgc	atgtaagatg	tgccctttgct	480
tctcctctgc	cttccaccat	gattgtgagg	actccccaac	catgtggaac	tgtgagtcca	540
ttaaacctct	ttcctttgta	aattaaaaaa				570

<210> 273

<211> 256

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 273

ctctccagtc	atgccaccca	cggatgtgga	ccattgtcct	ttaccagtc	tatccagttc	60
tgaagacact	tttttcagaa	tctcttttga	agctgtcctt	gacctgtttc	tcaagactgg	120
aattctgctg	gggtgccgtg	tgcatgcttg	taatcccagc	actttgggag	gctgacacag	180
gaggatgnct	tgaggccatg	agttcaagac	tagcttgccg	cacaacatag	caagattctg	240
tctctacaaa	aataaa					256

<210> 274

<211> 199

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(199)

<223> n = A,T,C or G

<400> 274

gttgcccacg	ctggtnntga	actcctggcc	tcaagccact	ttcctgcctc	ancctctcga	60
gtagctgcga	ttacagacaa	gcacaagcca	ctgtgcctgg	cttaaaatac	cttttttgac	120
ttaacatttt	tctttctgtt	tttttttctg	ttcctttctt	ttctttctcat	tacattaaag	180
ngattgctac	aacaaaaaa					199

<210> 275

<211> 669

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(669)

<223> n = A,T,C,or G

<400> 275

gttgtgggat	ataaggggag	aaaacgacag	ctcttcttca	ccttcacgtc	agctgtcccc	60
agtgccctgc	ccagaaggac	acctaccgaa	aaagccctgc	cagctgatgg	aaaagctcga	120
ccatgcacca	gctgatctct	ttaaaagtta	aatctttaag	cattaatgca	gtgctgaagg	180
agtattaata	tttttgcccc	tgggcaaagg	aacacttgct	actagagaaa	caggagtgtc	240
ctgccagctc	atcttggttc	cagagaaggg	cttcgcactt	gtgaaatgtg	ttgctcgtga	300
aacaatttca	agacttttgg	aatgaatagc	tgccacccat	acccgctagc	tcctccacca	360
gccctcccta	tgccacgttt	atgatgtctg	agctcctgct	atgactattc	cagtcccatg	420
atgtcaactt	ggacttggct	gttaaatang	cctcctctcc	ctggggctag	cacaaaggaa	480
gcctgtcgag	aggcagccag	gcttcctgac	cacaatttcc	tgcacctttg	ctcaaagtgc	540
cacacgtaaa	aaattttatg	gctactaatc	aaaccagggc	ctgaaatcac	agaaggggat	600
gctgactgtc	tgctccccac	agccctcttt	gtttgattaa	gccattgnat	cactccggtg	660
ctattttaag						669

<210> 276

<211> 129

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(129)

<223> n = A,T,C or G

<400> 276

cacctacaac	tgcttattct	atggaattta	ntgtaaagcc	tgtgaaagtg	ccaactcccc	60
gagttggtgg	atatccctaa	actggcaaga	ttaggatttt	taaataaaga	ttggattata	120
actctaaaa						129

<210> 277

<211> 144

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(144)

<223> n = A,T,C or G

<400> 277

gctcaagacc	gagtctggct	gggcttttgg	cctatgatta	caaaggctag	centgatnct	60
ctangacata	catgacancc	ttntcttcng	tggtntgtac	gacntcnnc	ttggactgat	120
ccactgcttc	agacattcca	tggt				144

<210> 278

<211> 424

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(424)

<223> n = A,T,C or G

<400> 278

accactatca	tggccgtgca	gntaacaaat	tgctcnggtt	tttctcaag	acagctatga	60
ancaaaaagt	cttcatgcac	agcttccatt	ttgtcacaaa	aagttgtgta	tgcaagagtt	120
gagactgaat	aaaattaatt	catacagctt	tgctcangac	attcttaagt	gaaactagca	180
tctgtatttt	ttaaagcaac	aaggacatgg	tgacactcac	tggtccacac	agnagccagc	240
ctctttaagg	agatgtgtta	tncanccctg	ncaaagcnnc	agcaggcnca	tcnttattgc	300

ntgnngcnct	ctctgcaanc	atggnttagg	agccanccac	acttntaagg	nntctncaca	360
tangaanctc	atacaccacc	tcacaagtgg	gctttgtttc	catggagaca	ggttgcccag	420
ccga						424

<210> 279

<211> 336

<212> DNA

<213> homo sapiens

<400> 279

gtgggggtctt	tcagatcaat	catcaccatc	gtcatcatca	tcatcatcat	catcgggact	60
gtcatctttca	gggactggca	taaaaggaag	gaattacaga	ggcaaattccc	ttccacacac	120
gccacccct	aactgcgaga	acgctggcac	ctcgggtctac	agggaaatgc	agtacttgct	180
gattcttttta	aaaagtatac	attttggcca	ggcgcagtgg	ctcatgcctg	taatcccagc	240
actttgggag	gccaaggtgg	gtggatcacc	tgaggtcaag	agttcgagac	catcctggcc	300
aacatggtga	aagcccctct	ctactaaaaa	tacaaa			336

<210> 280

<211> 440

<212> DNA

<213> homo sapiens

<400> 280

atggagtctt	aatctgtctc	ccagactgga	gcacagtggc	accatctcag	ctcactgcaa	60
cctctgcctc	ccgggttcaa	gcaattctcc	tgccctcagcc	tcctgactag	ctgggattac	120
aggcgcctgc	cgtcatgcct	agttaatttt	tgtattttta	gtagagatgg	ggtttcacca	180
tgttgccag	gctggtctgg	aactcctgac	cttgtgatcc	gctcaccttg	gcctcccaaa	240
gtgctgggat	tacaggcgtg	agccactgtg	cccggccgga	tctgatgggt	tttccccggt	300
tgctcggcac	ttctctttcc	agtcaccatg	tgaagaaaga	catgtttgct	tccccctccg	360
ccatgatttt	aagtttctctg	aggcctattc	cctagccgca	ctgagctgtg	agtcattaaa	420
cctcttttct	ttataaatta					440

<210> 281

<211> 369

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(369)

<223> n = A,T,C or G

<400> 281

atggagtctc	actctgtcgc	ccaggctgga	gtacaagtgg	cgcaatctcg	gctcactaca	60
aactccgtct	cccgggttca	agccattctc	ctgcctcagc	ctcccaagca	gctgggacta	120
cagacgcccc	ccaccatgcc	cggctatttt	ttttttattt	tttgtanana	cggggtttca	180
ccgtgttagc	caggatggtc	tcgatctcct	aacctcgtga	tctgcccgcc	tcggcctccc	240
aaagnctggt	gattacaggc	gtgagacacc	gcgtctggct	aattatgggt	attcattatca	300
tcatcatttg	gaanaacagt	tgtaaataaa	gagagtaaat	aaattatcct	ccttgttcct	360
aaaaaaaaa						369

<210> 282

<211> 224

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(224)

<223> n = A,T,C or G

<400> 282

actggtaatc	tggctcaacc	agcntgccat	cccacccang	aacagaaaac	agcnagaaaa	60
------------	------------	------------	------------	------------	------------	----

actcnccttca	naccccctag	gattccatct	ccaatctnac	canccannac	tncccacttn	120
caaagcccat	acctgncana	tnatctttaa	aaactctgac	gccnaanngc	tcagggagac	180
ggatttgagt	aataataaaa	ccccggtctc	ccgcacaaaa	aaaa		224

<210> 283
 <211> 368
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

<400> 283						
atggagtctc	actctgtcgc	ccaggctgga	gtacagtggc	gcaatctcgg	ctcactacaa	60
actccgtctc	ccgggttcaa	gccattctcc	tgccctagcc	tcccaagcag	ctgggactac	120
agacgcccc	caccatgccc	ggctattttt	tttttatttt	ttgtanagac	gggggtttcac	180
cgtgttagcc	aggatgggtc	cgatctocta	acctcgtgat	ctgcccgcct	cggcctccca	240
aagtgtctgg	attacaggcg	tgagacaccg	ngtctggcta	attatggtta	ttcttatcat	300
catcatttga	aagaacagtt	gtaaataaag	agagtaaata	aattatccnc	cttggttccta	360
aaaaaaaa						368

<210> 284
 <211> 204
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(204)
 <223> n = A,T,C or G

<400> 284						
tgggggctca	cacctgtatt	cccaacactt	tgggatgccg	aggcaggctg	gatcacttgt	60
ggnnnacagt	tcaagaccan	attgggncac	ntggngaaac	ccnntcttta	ctncnaatnc	120
naaaattacc	cattgtgggtg	gccacgcct	gtaatccag	ctactcagga	ggcctgatgt	180
gggagaactg	aaccctggag	gtgg				204

<210> 285
 <211> 677
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(677)
 <223> n = A,T,C or G

<400> 285						
tgcattctcc	tgaaaacata	agaccatttg	actgattctg	ctccagaatc	ttattgaggc	60
aaaggactgg	accgaattat	tcatggaaca	gaagcctagg	actgatagga	aacacccagg	120
gagaaggcca	cgtgataatg	gaggcagaga	ctggagtgc	acagctggga	gccagggaac	180
atcaacgatc	accaagtgtc	tccaggaacc	atcaggagct	ggaggggcgg	gaaggatctt	240
cccgggagca	tggatttgta	gacaccttga	ttttggactt	ctgcccctcca	gaactatgaa	300
agggcaggac	agccgtgtcc	tacatttccc	gccatttccc	catggtgatg	gagctgcagg	360
ggtcctgaga	gagggacgct	cacaaggctc	ccgcaccact	tcccagagggt	cccagaatga	420
cagatttcga	ttctaaagga	ataaagcacc	atggaattgc	tgggggcccc	atataggaat	480
tgctggggcc	cccataatagc	tgctctaaagc	cctgtcatcc	ctcctctcct	gtgggttcgtc	540
tctcatccac	tgggtgtttc	ttcttcaact	gtttgttgnc	aagcttncaa	tacatatgta	600
tgcattncaca	accagtatgt	gggnnttttnc	angtttttaa	aactcattaa	tattattcca	660
gagcccatca	aaaaaaaa					677

```

<210> 286
<211> 163
<212> DNA
<213> homo sapiens

<400> 286
gtcgctcagg ttgccgtgtg gagaatggat tattggcggc aagaccagaa gcagggatac      60
cagtgaatgc aaaaattcag gcaggagatg ctggtggctt ggaagaaggt gtcctggtaa      120
ctgtggtcag ggaaagaaga aggggaaatg aatacaaaaa aaa                        163

<210> 287
<211> 243
<212> DNA
<213> homo sapiens

<400> 287
atctatttgg agtttttgaa aatatgtgtt ccatctgaac cctgccctca ccgaaattca      60
gaagtaggca gtgtgttttc tctcacactt aggatgtttg gctgagaagt gtgatgagtg      120
ccttccctcc atttgtgcaa aagaagcctc tttgaattct ggagtggaat gaagaaagtc      180
ctttcacagc cacaggataa aagtgatggt gatgatattg aaaataaaac atggaaaaaa      240
aaa                                                                243

<210> 288
<211> 268
<212> DNA
<213> homo sapiens

<400> 288
gaactgagac ttttccttgt gtctggatga ctagtttcca ctgggtgagc agctgcagca      60
agcaacttca gggacgaatc aaggagtgtg tgatgcatat catttacttc ccggagcagg      120
aagttggtaa agccaaatag tacatcttcc ctccaatctg agaagtcaac aagtaaaccg      180
tgaagagaat tttgtgcaat atgtcgcaat tcatcatcca tatgaataga gagcctgtga      240
aacgaataaa ggaaaataaa atcaaaaaa                                268

<210> 289
<211> 379
<212> DNA
<213> homo sapiens

<400> 289
gaagttatga ttaagttact gtgatctgta acacagaaga gaagatgaag cagctgatga      60
ccacagagat ccctttcttg aaggatgtga ttttccagct actaagtggg agcagtcacg      120
ttgagacact tttcaagaac aaattaccca gcagtgtgac cagaaagaag agatagctgt      180
aactacttga ataactacgg ccctgcaaac tctctcttct cccctcctct ccttccctga      240
gaagcaagag ccagacacgt gtcaagcact tctgatgtag gaggcactgt gctaaactct      300
tcacagacat catctccttc aatcccccaa tcatgctgac acaagctata ttattcccat      360
ctttctagag atgagatgg                                           379

<210> 290
<211> 117
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 290
cagttcgctc ctccctgata agagttgtcc caaagggtcg ctttaaggaat ntncccccca      60
acttttcccn caaaaaaggg gttttttttg nncantttgg ggcctttttac caaattg      117

<210> 291

```

<211> 457
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 291
 actactgtac gattgagcat ttgagcactg ttctcantga ctttatatgc atataactcg 60
 tgcaaatnaa ccccaggata tgggnntgt natnaccat gccatnttt cagatgagca 120
 aacggagcn cacaagccc ctgtgatttg ccccaaatnn nacaggtcct cagggagccc 180
 catgttgtca aatccaggag agacagtccc atcattatgt caaaccacca ttcagtactg 240
 ctgacccagt gggccactcc agccttctca ccacccctcc tcccttgatc ctgtcaacac 300
 cacctgccta cctccctggn cacacacctt nctggggctc gccttttttt nctccctttt 360
 ggggggggccc cacctttgng ngggggnggt ttntnccctc caaaggngn aaaactgccc 420
 cctttgaagn anggatctc cacttggttc ctgcctt 457

<210> 292
 <211> 172
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 292
 ggctgagaag aatctgaaca aacaggcctt gctgganttc cccttcagta aattgccatt 60
 tgcttgcaact ttttgtcgaa tcacatnttt acatggnggt aaccaaact aaaatacagc 120
 cttncctggg tctttgcatn aacatttctg aagggtcccc tgtcacataa aa 172

<210> 293
 <211> 609
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 293
 agtctttacc agcgagaagg tcctcaccag atgcagctgc tcaaccttgg acttctcagc 60
 ctccgtaatg cctggagtgc agtggcgtgg tcacagctaa cagcagcctc gacttccctg 120
 ggctcaagtg atcctcccat ctcagcctcc tgaatagctg ggactaagag atgggatctc 180
 actgtgttgc ccaggctggt cttgaactcc aaacctcaag caatcctcct gccttggcct 240
 cccaaagtac tgggattaca ggtgtgagcc accacgcgcc tggcctatgt tttcttttct 300
 actgatttct gctgtataag aaacatcttg atatgtgaca caagaatttt gatcagataa 360
 atgtaactta tgaatttggg aaagtatctt gaggtaaatt tgtagaatta ttattatgtt 420
 aaagttcctc attaacctgt atttaaatat ccatgttctt tttgtctcct gtcttttaaaa 480
 caagagatac taagggtgna aatgaaacaa tatatgaagg caaataaaaag gtgatggaaa 540
 actgncaaat gcttaaaaac accctgggtg ctagcaatgg tcactaagag ataaccactg 600
 agaaaccaa 609

<210> 294
 <211> 212
 <212> DNA
 <213> homo sapiens

<400> 294

gatgaattat	ctgcctgaaa	tggtggcaac	tgcagctgta	gacctcaaac	tgcagtacac	60
attaagcaat	ccggcttttt	ctaattgtcat	gactttcctc	tgcttctggg	gagcactttc	120
agcattagta	atggcacttc	ctgtgggtcc	catgggtgta	ttcaagggtt	aaactattgc	180
attaaacatg	atgaaaaatg	tgcaaaaaaa	aa			212

<210> 295
 <211> 152
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 295						
tgataacgaa	tacaanagaa	nacgaccaca	tnacaggatg	ctgcgcttta	ctgtaggatc	60
ctcctgggag	gataattgnc	canaanttgt	ctncnnccc	ccagatctca	ncgagcaaga	120
aataaattat	acctgaatgt	tttaaaaaaa	aa			152

<210> 296
 <211> 366
 <212> DNA
 <213> homo sapiens

<400> 296						
agagtctaca	tttctgttgt	tttaagccac	cctgtttgtg	gcgctttatt	gcagcttccc	60
taggcaatga	acacactgct	gttcctaact	tgttccgtac	ttgtctccca	caccccgccc	120
cctggctgtg	agctgggttaa	aaataggaac	cttgctgctg	tcttcaccct	aaacccttag	180
tacctggcac	aggtctggca	tatagcagga	ctcagtaaat	atttgtagag	tgaatgaatg	240
gcaacttaaa	acattaaatt	agcagtattt	atagcactgt	gagtcatttt	tattttctcc	300
atgtgacata	ctgtgttttc	taaagttact	acttaagaaa	ctgtattaat	gttataataa	360
agaaaa						366

<210> 297
 <211> 427
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 297						
cattactgat	atgtctacca	cagagctgct	gggaatacaa	aaagaactaa	ggcaattccg	60
atagcttaag	ttattcccag	aggagacata	cagaaacaga	cttttacaat	ataaggaagc	120
aagtatgatg	acagacacca	tcactgggta	ctgctactac	atgagttcac	aggaaggatg	180
tcaggattat	ccaagcaagc	tgtcagggtc	aggcaggcct	tgtagagaag	acactcaagg	240
tgagtggtct	catgcctgta	atctcaacac	ttcaggaggc	taaggtgagg	aggacagctt	300
gaggccaaga	gtttgagacc	agcctgagca	acacaacaag	aattcntttt	ggaaataaaa	360
actttttttt	ttaaaaaatc	tacgtttgag	gtccctttta	caataatctt	gattctattt	420
tgatgcg						427

<210> 298
 <211> 113
 <212> DNA
 <213> homo sapiens

<400> 298						
gggatgacac	agcatgaagg	ccctcaccag	atgcagcccc	tggatcatgg	acttctcagc	60
catcagaacc	atgagccaaa	taaactttta	ttgtttctaa	aaaaaaaaagg	gcc	113

<210> 299
 <211> 420
 <212> DNA
 <213> homo sapiens

<400> 299
 gatagaagaa gtagtatctt ctcacagtgt gtgaagactc attctcccaa aagatgagca 60
 caaaggaata gatgctgaga atatcaatgc ctgtgacatt tgctgtctcc cataatgact 120
 gccatgggag gacttgggaa ggggactgca atctgatctc aagtcttctg actcacactc 180
 tattttggac tgcctttgtc ttggatctgg agtatagaaa cacctatttc gtggtcggta 240
 ggcagtttaa caatcacata cacaatgaag caatcagaaa ggtgagcagg tgaatattct 300
 ctttcagagg ataaattact ttttctagga aaatgattat tggctgacaa tgagggtgga 360
 atttacttcc ctctagacta taataaacaa aaatacaaa taggacaccc gaaaaaaaaa 420

<210> 300
 <211> 427
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 300
 gacaatggag ggaccaggga agcagtagag gatggggagg acaggaccag aggcccggtg 60
 cttttaagct ctacctcgcc aatgccctct cgcctagtaa tccgtgcaca cagcctgctg 120
 tttgccatgc agaatgatgg cctcaagtcc atggaaatgg tgctccatgt ccttcagggn 180
 ttctgttgcc caggctgtag tgcagtggca caatgtcggc tcaactgcaga ctccatctcc 240
 tggactcaag cgatcctccc acctcagcct tccaagtagc tgggactatg tgttgattca 300
 ccaaaaagac atcaagaaa gtttttggaa tctggtnatg tcattcatcc tcaacagcgg 360
 cgcatatacc tncctagatg ccaggatgat ctataatgcc agtcaacgac gaacaccagg 420
 ctttcgg 427

<210> 301
 <211> 354
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(354)
 <223> n = A,T,C or G

<400> 301
 gactttccca atttgagaac tgaagagtcc tgcatacctgg gaaacccttt gcatctgaaa 60
 catcagaaat ttggtcaacc taggaagaat gctacccact gaaaattgaa acggactgga 120
 attgaacaag gaaaacatta gctgattgtg cacactatgt atgcggggagg agtaggncgc 180
 ttgaatggag tcacaacgtc atggtaatct gctcctggca gaaactgcga tggatttggt 240
 tagttttgac tgagtttctg aatcagagtc tgcagatgtg gaagccacct ctggagagaa 300
 agccaccgtt gagaacaagc aatgacagct gtggcgggtt tacaaaaaag aaaa 354

<210> 302
 <211> 578
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 302

gtggggtctt	tcaaaggtac	gctcgcgcgt	ggtcattgag	gacaagtcga	cgaagagatc	60
ccgagtagct	ctacagtcag	ccttacgacc	tttgaagttc	tacaatgaac	ccatcagaga	120
tgcaaagaaa	agcacctccg	cggagacgga	gacaccgcaa	tcgagcaccg	ttgactcaca	180
agatgaacaa	aatggtgacg	tcagaagaac	agatgaagtt	gccatccacc	aagaaggcag	240
agccgcccac	ttgggcacaa	ctaaagaagc	tgacgcagtt	agctacaaaa	tatctagaga	300
acacaaaggt	gacacaaacc	ccagagagta	tgctgcttgc	agccttgatg	attgtatcaa	360
tggtgtctgc	aggtgtaccc	aacagctccg	aagagacagc	gaccatcgag	aacgggccat	420
gatgacgatg	gcggttttgc	cgaaaagaaa	aggggggaaat	gtgggggaaaa	gcaggagaaa	480
tcagattggt	actgtgtctt	gtgtagaaa	aagtagacat	aggagactnc	nttttgttat	540
gtctaagaaa	aattcttctg	ccttgagatt	ctgtgact			578

<210> 303
 <211> 212
 <212> DNA
 <213> homo sapiens

<400> 303						
gatgaattat	ctgcctgaaa	tggtggcaac	tgacagctgta	gacctcaaac	tgacgtacac	60
attaagcaat	ccggcttttt	ctaattgtcat	gacttttcctc	tgcttctggg	gagcacttct	120
agcattagta	atggcacttc	ctgtgggtcc	catggtgtta	ttcaagggtt	aaactattgc	180
attaaacatg	atgaaaaatg	tgcaaaaaaa	aa			212

<210> 304
 <211> 507
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(507)
 <223> n = A,T,C or G

<400> 304						
aactaaaaac	cctggatggt	atgtataaaa	taaactcgag	aagactttga	aggatggaaa	60
aaaaggatgc	agaactattg	gaaccttaca	acgagaggaa	cagcataatg	atttcaactg	120
acaagttttc	tgcaagaaa	atgcttctct	ggtatctgct	gagatcattt	gaaatcatgg	180
tagaacgccc	agaattatgg	gctcntcttg	aaattggata	tcatacaacg	aggcactaat	240
tacagaacaa	ttaacaaaa	cctaaaagg	tgtaattggag	aatttcta	gaatcctgac	300
ttatcatggc	tgaaagaaga	cttgaagttg	gattaatgta	gaaacactgg	aattctactg	360
aaggagctgg	tgcttgattt	gatagaaaa	aagaattatt	acactgttct	attccctttt	420
tcagtttgta	aaactcctca	gacaattggt	ttctaagaaa	ggattaaact	cctatatnaa	480
atggnntttt	gattttttaa	aaatttc				507

<210> 305
 <211> 395
 <212> DNA
 <213> homo sapiens

<400> 305						
caaggaactg	agggtggctt	tcagccaaca	gcccttgaag	aagtgaatcc	tggtgaaaac	60
catatgagag	aaaaagggtc	taatacacag	aaagaaacag	aaggagagat	ggagattaca	120
agagttccat	tagttcatgg	cttcagtgac	caggaatatc	catcttcttc	ctatttctgt	180
gagccaatac	attctctttt	tacttaagca	agttggagtt	gggcttttta	taacttgtga	240
cccaaagttc	tgattgatat	aggaaacaga	tgccgaagat	gccatatatg	ttactgtgaa	300
atcaaggaga	ttgaagacag	aaaaaggatc	atttcctttg	acttttaatc	tttaatagta	360
atctctgaaa	atgtaatctc	attatactac	tatgg			395

<210> 306
 <211> 427
 <212> DNA
 <213> homo sapiens

<400> 306

gaggaagagg	cagagcaaga	cggctcaata	gaagcctcca	ctaattgtcc	tccccactgg	60
aacaccaa	tgaacaacta	tccacacaaa	gaagcacctt	cgtaagaacc	aaaaatcagg	120
tgccagacag	aaagtcattt	ctctgtctca	ctgagacaaa	tgagattca	ttgagccaga	180
ctaaggcata	agtgactatt	cctctatgtt	ccccaacatg	taaattgtgg	attcagtga	240
aggctgattg	aagagtcaga	agaatgtaac	tttttgtctc	ttatctacct	ggaaccacac	300
cttatctacc	tggaactgtc	ccctccccgc	cccccaatc	ctgccctgtt	tttgagttgt	360
cctgcctttc	tggaaccaat	caatgcacat	cttacacata	ttggattgga	tgtctcatat	420
ctccctt						427

<210> 307

<211> 369

<212> DNA

<213> homo sapiens

<400> 307						60
ggtcccaacta	tgctgcccag	gttggactca	aacttctgga	ctcaagggat	cctcctgcct	120
cagtctcctg	agtacctggg	actaaagatg	tgtaccactg	cacctggctt	ggtttacctt	180
tttatgctgg	cctttgtctt	tgacatatat	cactttatat	tacattacag	acacaggtgg	240
tcaaattccat	ggagcaaaaag	acttgtaaca	ttatctgcta	tgtttcaatg	tgaggagact	300
tctcagttgg	ggtcatacta	ctttctgtct	cagcccattt	tctgctgcta	taacagaata	360
caacagactg	ggtaatttat	aaagaaaata	aattttatttc	tcacagttgt	ggagcctggg	369
aaaaaaaaa						

<210> 308

<211> 477

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(477)

<223> n = A,T,C or G

<400> 308						60
agcctcgctc	tgctacccag	agtgtggtgg	catgatctca	gtcactgca	acctccacct	120
cctgagttca	agcgatcctc	ccacctcagc	ctcctgagta	gctgggactg	caggtgcgca	180
ccaccacacc	cagctaattt	ttgtatttta	gtagagacag	ggtttcacca	cgttggccag	240
gctggtctcg	aactccttac	ctcaagtgat	ctgcctgcct	cggcctccca	aagtactggc	300
attacaggtg	tgagtcactg	cacccggcct	catatgttga	aattctaata	cctgaggtgg	360
tagtattagg	aggtggagcc	tttgggagga	tgattaggtc	atgagggaaag	anccctcatg	420
aatgananta	atgctgntgn	gaanaanaac	tcagaagaga	aactttggnt	ccttttacca	477
tgngaanaac	agngagaagg	gactgtttat	gaaccggaaa	gtaagccctc	ccagaca	

<210> 309

<211> 313

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(313)

<223> n = A,T,C or G

<400> 309						60
aataaaatac	tgccagatg	tggtggttca	cgcctgtaat	cctagcactt	cgggaggctg	120
aggcgaggag	attacttgag	cctaggagtt	tgagaccagc	ctgggcaaca	tagcaagatc	180
ccatctctac	aaaaaagtga	aaaagttagc	tgaacaaggc	ggcatgcaca	tgctacttca	240
aaacnctnga	atggggaaaa	annaccttaa	antccanaa	natcganggc	tttcagtga	300
natattggnt	tganacacct	ggttctcagc	ctgggatgac	agagtgaaga	acctgtcttc	313
aaaacaagaa	gag					

<210> 310

<211> 181

```

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(181)
<223> n = A,T,C or G

<400> 310
gacttaaagg agaataagga agttttctaa caggcanaaa atggaagaga cgcccttgct      60
aacggcaatg ctantgatga aaatggggag caggaggctg ncaatgaggt agacgaagaa      120
taggaagaag gtggggagga agaggaggag gaagaagaag gtgatggtga ggaacatcat      180
g                                                                    181

<210> 311
<211> 174
<212> DNA
<213> homo sapiens

<400> 311
gtggttgttt tggccaaaag ctgtgtggaa gcccacagga acggggcaga attgctttcc      60
ttagaggag aaggattgag acatgacctt tggtgaaact gaagctataa cttgaataat      120
attcgtaat ctggggagaa taaaattttg aaagaagaaa tttaaaaaaa aaaa          174

<210> 312
<211> 377
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(377)
<223> n = A,T,C or G

<400> 312
gtggggtctt tcacctagac catcacaaga cgccgagctt caggtaactc tcacagtgga      60
aggtacacat ccagatggcc ggttcctgcc ttaactgatg acattccacc acaaaagaag      120
tgaaaatgcc tgttcctgcc ttaactgatg acactgtctt gtgaattcct tctgctggct      180
catcctggct caaaagctcc cccactgagt accttgtgac cccactcct gcctgccaga      240
gaacaacccc cctttttcct ttacctacc aaatcctata aaacagcccc acccttatct      300
cccttcactg actctctttt cagactcagc ctgcctgcac ccaggngatt aaaaacttta      360
tttggttcaa aaaaaaa          377

<210> 313
<211> 245
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 313
aatagggaaa tttggatgca gagacacaga gaaaatgcc a tgtgaagatg gatcagagac      60
agaagtgatg cggctgcaag ccaaggaatg tgaagaatgg ccagccacca ccggaagcta      120
ggggagacgc cagcacagat tctccctgag agtatccaga agaaaccaac cctccaacac      180
ctggatttca gacttttgac cttgngaagt gtgagccaat aaaacaactg cagtggaaaa      240
aaaaa                                                                    245

<210> 314
<211> 162
<212> DNA

```

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 314

aggatcttca	ccccgctgn	acaggctgtc	ttccaaanan	gnggttggt	ggantggcca	60
ctgncctgnt	ttcacaagna	ccactaaacc	ccctttttct	gcnctttgcc	tgtnaacaan	120
ggntatattt	gntcccan	gagcctctgt	cagtcgtctg	gc		162

<210> 315

<211> 559

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(559)

<223> n = A,T,C or G

<400> 315

ctccagccac	caccttctgg	aagggttttg	tncagcggng	gtgaaatcct	tgcccaggng	60
ntggcccagc	acaatcacna	tcataattgcc	caggagctgt	gggaatatgg	nagaaccatc	120
aacataactg	tagagcaaaa	ataccagata	ctgcaggctt	atttacaag	acatttggtt	180
gcaaccttaa	actactgaca	aattattata	agaatcctat	gtcaaacaga	atttatatgt	240
naaatatatt	cttccccctgt	cccctggcat	aaaagccaat	tatgctacta	ttnttgagag	300
ctatgagaan	aaacaaggga	catatcttnc	ttgtcctctg	agcaagttac	caaggcaatn	360
tttaaaaaga	caaacaaacg	ttngatcaaa	gaagaagaaa	tgaactnngg	gaaagggaaa	420
ggatttcnga	anngagagag	ggnnanagag	aaangacnng	ngncgaaaag	ggggaggggg	480
aancctnatn	tnntngattg	ggaangtaaa	ataaccacac	gccttggggc	gncnctcccn	540
tagaaaaaaa	ggttttttgg					559

<210> 316

<211> 642

<212> DNA

<213> homo sapiens

<400> 316

ctgcagggtct	gctggagttt	gctggaggtc	cattccagat	aatgtttgac	tgagtatctc	60
cagcagagac	tgcagaaaaa	tatgccctgc	ccacagaggt	ggaatcgaga	gagacagttg	120
gccttgctga	gctgccgtgg	gcaccaccca	gtttgagctt	cccagcagct	ttgtttacac	180
tatggctgac	tagcctagga	gcataagatg	tcacttctcc	tcaaaaagaa	gaccacagct	240
actggtgaat	ggacatggct	tgaacggaaa	actaagggaa	gagagccgga	acctgttgga	300
gtcctgatgg	aaagaagctg	gggtgcagaa	aagaaaaagca	gaaagaatct	ggcagagaa	360
aacccccctga	ggaactcgaa	gccccacaga	aaggatatgt	ctcttccccct	tctgccatga	420
ttgcaagttt	cctgaggcct	tccccccccct	gcagaactga	ttccattcag	gatacttcat	480
tatatgtaga	gttgaccctg	gaacaacata	aaggttaggg	gtgccaatca	cctgtgtggg	540
caaaaatctg	agtataattt	ttactcccccc	aaaccttaat	tacaaagagc	ctacgggtaa	600
cctgaagctc	taccaataac	atgaacagtt	gattaaaaaa	aa		642

<210> 317

<211> 498

<212> DNA

<213> homo sapiens

<400> 317

ctttgagctc	tgctagttaa	gagattttgg	tcctcatgga	gaggaatgct	tccactgggc	60
acacaacaat	ggatccaaca	actgggagat	aagacttcca	cctgaacatt	ttgaggtcct	120
tgtgtcgctg	aaccaagagg	caaaaataaa	ctgtcaggcc	tctgagccca	agccaagcca	180
tcgcaacccc	tgtgacttgc	tcgtatatgc	ccagacggcc	tgaagtaact	gacgaatcac	240
aaaagaagtg	aaaaggccct	gccccgcatt	aactgatgac	attccaccat	tgtgatttgt	300

tcctgcccc	ccttaactga	gtgattaacc	ctgtgaattc	ccttctcctg	gctcagaagc	360
tccccactg	agcactttgt	gacccctgc	ccctgcccac	cagagaaccc	cctttgactg	420
taattttcca	ttaccttccc	aaatcctata	aaacggcccc	acccttatct	cccttcgctg	480
actctctttt	ccgactca					498

<210> 318
 <211> 482
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(482)
 <223> n = A,T,C or G

<400> 318						
ttttttctcg	ttggaccgcg	gagatnactt	tanataaatn	cccnagagng	aataagaatc	60
ctagtttnta	aggctcatta	ctgggntttt	attgaaattn	ccataatacc	ctggngnggg	120
aagcatntat	tttttcaata	aatctatctt	gantatccag	tgtgggttag	gattaaatct	180
ctccttcata	cagttggact	gcttttattt	atatggantt	actagannta	acacaataag	240
taataataccc	tngatttggg	tttctttcca	taaccaccag	gttatgcgcn	attccggana	300
taaaatgtgn	gttccaanag	ntcttttacn	tnctntntgg	nacaggntta	gcganatttt	360
gaaatgacct	catataataa	agngggccct	taattacaga	annngtttgg	ngttgggtcan	420
aataaaatac	accccnatat	tattgagttt	agagtcattt	ggtatgagac	ataaaaattg	480
ca						482

<210> 319
 <211> 590
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 319						
acagtcctta	gcgagatttt	gaaatgacta	catataataa	gtggccttta	attacagaat	60
ggttttgtga	ggtacagaat	nnaatacacc	aaatattatg	agtttgagtc	attgtcatga	120
gtcataaaaa	tgacgtcca	aacgaagtaa	agagtttagag	tatggtgaga	aattataaac	180
catcaagaaa	aaaataacag	accataaag	gtagntgtgc	ggncagggtat	ttcgtgcata	240
tttataatcc	ttattttatta	ttactaagaa	gccaaagcagn	atttataaaa	tatggncctc	300
tctgaatgca	atgtccaatg	gtctaaaacc	catatcttan	tgntctcana	gcagtatctt	360
ntgtttgcan	atagaactga	atntttntata	actgggtcat	aatttatggn	agacttttgc	420
ctanccataa	agataggatg	agcaatttct	ttttgcanta	ngtagaaccc	tngcctgttt	480
tttcttgctt	aatgaagatc	agnaatanagan	cttgggttat	nnagagntgc	cngccgttna	540
accaatncaa	ttcccgcngg	ctagacccan	ctttcgggaa	ggttctattc		590

<210> 320
 <211> 315
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 320						
taccttggcc	gaacaactcc	cttnatgggc	cctgtatntn	ttccttgang	gttnataatc	60
tcttaccata	ctctaactct	atacnncgnt	tggtgntngc	attnattatg	actcatgaca	120
atgactcaaa	ctcataatat	tcggngnatt	ttatttttgc	ctacacaaac	catnctgtaa	180
ttaaaggcca	cttattatat	gtngtcatct	caaaatctcg	ctaaaactgt	accaaagagt	240

agcgtaaaga actcttgga cacacatttt atttccggaa ttgcgcataa cctgggtggct 300
atggaaagaa aaaca 315

<210> 321
<211> 277
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 321
tttcttcttc tttgatctac gtttgtttgc tttntaaata ttgccttgta acttgctcag 60
aggacaagga agatatgtcc ctgtttcttc tcatagctct caagaatagt agcataattg 120
gctttttatgc cacnggtgac aggggaagaa tatatttaca tataaattct gtttgacata 180
agattcttat aataatttgn cagtagttta anggttgcaa acaaattgtct ttgtaaataa 240
acctgcanna tctggtattt tttgctctac agatatt 277

<210> 322
<211> 597
<212> DNA
<213> homo sapiens

<400> 322
gttgttctga aaagtagatc ctattacctc tgcattatat atatgaaaac gaagccttag 60
agaatttaag taacacctaa agtgaagaag ccacaatttt tatatgggtc tttctgattt 120
tagtgacctt gaataacagc taaaagacta gaatcagagt gaaaatgcct ttctggggac 180
gattactgaa aatcagaatt cagccaaatg acttcagaga gaaaagcaaa gctaagtcaa 240
tggccaacta tctcaaatac gttatttaga acaagagtga acataagatt taaactgtta 300
ctactcttgg aaaaattgag aaaattaaat gccacacaat ttcccctata agagaatcca 360
accaaattgg ttatcaatga taaaggtttc tactctgaag acctcatcat cgaaacagca 420
aacgcgtcgt ataccaacgc ctgagaccta tctattactc tcatcgccac tttcctaaca 480
agcacctata gcgctcaaat tatttttctc accttaacag gacaaacctg ctcccaacca 540
caattaatat taacgaaaat attcccgccc taataaacc c attaaaagc ctcacaa 597

<210> 323
<211> 553
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(553)
<223> n = A,T,C or G

<400> 323
gtgattaaaa agctttattg ctcacacaaa gcctgtttgg tgggtctcttc acacggacgc 60
acttgacatt tgggtgccga gaccaggac agggagactc cttcggaaga caggtcccct 120
gtcctcacca tcaactccatg aggagatcca cctaagacct cgggtcctca gaccagctca 180
aggaatacct taccaacttc aaatcggaca ggattgtcag gcctctgagc ccaagcctgc 240
accngtacat ccagatggac tgaggaaact gcagaaccac aaaagaagtg aaaatggcca 300
gttcctgact taactgatga cattaccttg tgaaattcct tctcctggac aatgagtctc 360
agaagttccc cactgagcac cttgtgaccc ccacccctgc ccgcaagaga acaaccccct 420
ttgagtgtaa ttttccacta cctacccaac tcctataaaa ctgccccacc cctaactccc 480
tttgcgtgct ctttttctga ctcaaccac ctgcacccag gtgattaaac aagttttttt 540
gctcaaaaaa aaa 553

<210> 324
<211> 607
<212> DNA
<213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(607)
 <223> n = A,T,C or G

<400> 324
 agttttggccc tatgccatgc aggatgagac tatattagag ttgaacagta gaatgcagag 60
 actgtttgggg agcatcttag aagctgctta acacaactat ggtaagtcct tgagttcacg 120
 accatgaaga agtgattagt caattatctg agaaccactt cctcctaagt gagaagaaga 180
 aacaagccaa agatagaaga ggcagcagtg tgggaaaaat taaatgaaga gaccttccca 240
 aattgttctc ttttcctggg tctcctgtaa ggactcaggt ttttaattaa ttgactggat 300
 aaacatgtca ggcctctgag cccaagctaa gccatcatat accctgtgac ctgcacgtat 360
 acatccagat ggcctgaagc cactgaagaa ccacaaaagt gaaaatagcc agttcctacc 420
 ttaactgatg acattccacg attgcgattt gtccctgccct tccctaactg atcaatggac 480
 cttgtgacac tccttcttct ggacaatgag tctcaagagc tncccaactga gcacctgtg 540
 cccccccc ctgnccgcaa ganaaaaacc ccctttaact gnaattttcc cttacctacc 600
 ccaaaat 607

<210> 325
 <211> 305
 <212> DNA
 <213> homo sapiens

<400> 325
 gactggaggc tgccaccact gacatgttcc accagattct tgttgggctc aagaagcatt 60
 caagcttcat ccccttctgt atttatgaaa tccggaggta ctggagcagc gctgtatgtc 120
 cagcatctgg cattgttcaa tcaagatgtt agctgggaca gaagacataa gtcagaacgc 180
 tggaagaaac tgggtcccaa tattataata atcaataaag acaaaatata tttatagggt 240
 attttatttg tattttatca ataaagacaa aattatattg cattataata atctaaaaaa 300
 aaaaa 305

<210> 326
 <211> 322
 <212> DNA
 <213> homo sapiens

<400> 326
 agggcggagc caggtgtacg ggatggaaca tgagagcgga ccaggagcgt gaccgctgca 60
 ctgacgcttc cgctagacca cagtctgctc ggcgacgggt gtcttcccag atgctggcat 120
 caccgctaga ccaaggagcc ctctgggtggc cctgtccggg catgacagaa ggctcacgca 180
 cttgccttgg agtcacttgt cgctcaccat gtcccttcag ctccctatctc tgtatggcct 240
 ggtttttccct acgttatgat tgtagagcga ggattattat aatattggaa taaagagtaa 300
 ttgctacaaa ctgaaaaaaa aa 322

<210> 327
 <211> 142
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(142)
 <223> n = A,T,C or G

<400> 327
 ccaagcgtac gagaaatgca gctgcattaa gtgcnnttaa tggtncaata anagcagcgg 60
 ngctgtnatg ntgaanactc gaccattaat caanctgcgc tccggancaa cctttccctc 120
 ncattaataa atacatttgc gg 142

<210> 328
 <211> 321
 <212> DNA
 <213> homo sapiens


```

<400> 328
gtgacaaaca cgagattcag agaggtgacg agaggctctc caaggaccca tatggaagtg      60
tcagctggaa ttcaaccctc aggcagcctg gctccaaagt tcacaacctt tcctacttgt      120
ttcagccctg ccctgccttt caggggctaag aagatgtag tagatgttcc ataaatattt      180
attaaattga actgaactca gcagctgaac acacgcaggc ctcttcacc ctgaccaaga      240
ggaaatccttt gaggtctgc agtatggaaa gaaattctct gaggcgctaa ataaaatcct      300
gctctgaggt gcaaaaaaaa a                                     321

```

```

<210> 329
<211> 213
<212> DNA
<213> homo sapiens

```

```

<400> 329
aggctgctta acttaccgga cgtcacattg ctagtaagtg gcagaaccag gatttgaacc      60
catgctcaac actcccaccc cacaaaaatg caagttccat gaaggcggat agtcttgttc      120
attgcaaccg tcaactccat tgctattatc acagagtatg ggcaccgtat gtagtaaagt      180
tctcaataaa tacatgtttg agtgaaaaaa aaa                                     213

```

```

<210> 330
<211> 497
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(497)
<223> n = A,T,C or G

```

```

<400> 330
gtcttgtcaa cggaaagggg tccctatcca gacccaaga gagcattctt ggatctcttg      60
caagaaagaa tttgaggcga atccatagag taagcttagt gatgtgtgtc agacctctga      120
gcccaagcaa agccatcata tcccctgtga cctgcatgta tacatccaga tggcctgaag      180
caagtgaaga atcataaaaag aagtgaaaag ggccggnctc tgccttaact gatgacattc      240
caccattgtg atttgttctt gccccacctt aactgagcga ttaacctgtg aacttccttc      300
tcctggctca aaancttccc tactgagcac cttgtgaccc ccactcctgc tgccatagga      360
caacccccct ttgactgnaa ttttccttta cctacccaaa tcttataaaa tggccccacc      420
ctatctccct ttactgctct nttntggac tcacccctgc ccccaggnga ttaaaacttt      480
atgctctaca aaaaaaaa                                     497

```

```

<210> 331
<211> 531
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

```

```

<400> 331
aaatagaatg ggccacctct tggggataca tctgcagtc ctcaggatgg ctacaatcgg      60
aggacaataa gcttcattca ccagctgcca accaatggaa agtacttaaa agccttcact      120
aggccttcca cctaggccca ggttgggagg gacctacac tgtactcctt tctactcctg      180
tggcagtga ggtcactgga atagactctt ggattcatta tacccaagta aagacttggg      240
aagccaacag agtcacctcc gttgacctag aagaacaccc aaagtactaa tgtgaagaga      300
ttggggacct caagctaaaa atcacaaaag acctagaaac catcaaactc caaatgggtca      360
ggcaaccaga gcctcaaaaa atggtccgct ttgctgggga cccttanata gacctctgag      420
aggaatctga ctggattttc ccaaaacaat gctcctgtca cangaagtaa ctaaggcagt      480
tgcatcattt ctacaacagt agatgtcctt tcgaggggga aagagatggc a                                     531

```

```

<210> 332
<211> 453

```

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G

```
<400> 332
ggtccatggt caaaacccta gtgctcccag agcagctctg gctttaccct gatgtggcat      60
ggagaagggt cagtgcagga gtcggggctg gggcaccctt gtaccttggt cttggcattg      120
acatctgcct ggtgctgcag cagaaacttc accagcttga tgtttccata gtgactggcc      180
acatggaggg gagtgtagcc catctgaaaa gcagatgaga aggagtgacc ggagctgtcc      240
tgagctgggc atcacatgaa atccttccca aagcagctga ttcaaagaga gaacggacag      300
ggagcccctt gaaggctgac attgacaagc tgaatggctg ctgctgggca ganaccacca      360
agctgagatg cttgnnggaa anccaagggg aaacgtcaag cgggcaactg gaaaatggac      420
acttgacccc gaaaaaaagg ctttcttggg gtc                                453
```

<210> 333
<211> 598
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(598)
<223> n = A,T,C or G

```
<400> 333
gactgaaccc tgacttgga ctatttgcct tgaaaaatga gttttctcca gctctgcaga      60
ggatggctgc tgtgtataat ggtctctgaa atgctaacgg aagccaagaa atcacctgac      120
atgaactatg aagctattag ttatgaaaaa caatatcgat atttaccttc taactcttna      180
tgctggaggg taaagcagca caacctggac gtgcctgggt ccgagccaac ataaagagaa      240
catctgcac ttcctctctc taccattttt gaaatggaaa taatgcttat ggtggtaata      300
atgtgggtgac tgcgttcaa agccccttca cacacattat gatctgatct gctcctocca      360
ggaatcctgc atgaggtgga tatcatgaat gttataatgt ccagaagcag gaactgatgt      420
agaaagttaa gtgatgttct ccaggcgacc cgcacagaac ctggcagagc tgctgctttg      480
accctggagt tgagaagaat tgttctttcc acatcaaccc ccgncggaca tatttcaaaa      540
atgcaactgg ttttcatattg ggtctatctt tcttttgcta ataagtaatc aaaagatc      598
```

<210> 334
<211> 135
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

```
<400> 334
tgccccgcc tggaatgaaaa cntgtcctct tggaaggat aactngnntt taaagactct      60
nngcnaaagt ttatctgcca ttgttgagg gtatnaactt accagcacia tgacccgctg      120
ctgattggcc gaatc                                135
```

<210> 335
<211> 396
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(396)

<223> n = A,T,C or G

```
<400> 335
gagagaataa gcaaaagggc tactgaacac tgaccctgca aagctgatca tctgagaaac      60
aacgttgaga tctatcaagg cagcagggaa acacagagag cacggaggaa tgaaggtggg      120
caccagcttg tctgggctga gcacagagcc aggagaacct aaccaacacc gcaaacgaga      180
caggatcttg ctttgtcacc caggttggag tgcggcagca caatcatagc tcaactgtaac      240
ctcgaacttc taggcttaag tgatccttct gactcagcct ccagagcagg ttttcagtca      300
tgtgcaagag cttacttctc catactggaa agtagaagnt ttctncaaaa aatttttaaaa      360
ancaaattaa acttaatacg taaattttaa aaaaaa      396
```

<210> 336

<211> 456

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(456)

<223> n = A,T,C or G

```
<400> 336
tctagaggct gcgaagtcca aaatcaaggc actagcaggt ttggttgtct ggtgaaggct      60
gctctctgct tccaagatgg tgacttggtg ctgcatcctc agagaggaga aatgctgtgt      120
tttcacatgg atacggaaaa accataggct ggtaatggat tgcaagtatt tctcaaaaac      180
tctacaagcc agaagagagt gggggccaat attcaacatt cttaaagaaa agaattttca      240
accagaatt tcatattcag ccaaactaag cttcataagt gaaggagaaa taaaatactt      300
tacagacaag caaatgctga gagattttgt caccaccagg cctgccctaa aagagctcct      360
gaaggaagcc cttaaactgg aaaggaacaa ccggtccagc cactgnaaaa tcatgcccac      420
atgnnaagaa ccttcgnggg ttgggagaaa cttttc      456
```

<210> 337

<211> 425

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(425)

<223> n = A,T,C or G

```
<400> 337
aatcaagaaa acaattcaat aagaatccat ttcccttggt aacaggacac aattgaaaac      60
acnggttatt taaccaaaagc ttcattctgaa atggcatatt ttacggatat gacgagactg      120
ctttgaggaa tttaagtgga ccttataaaag ttgataaaga gccccttaga aagactggcc      180
tagtacctca tctacttggt tcccttagga gcctaggaac ctcaagatat ttggggacct      240
caagaagaga gaaattcact caatttatgc acatattaca ggcatagtct aatgggtgaat      300
cattggcttg gtttccccgt cttaaaaggc ttttagaagt cgaatttgag attctttatg      360
aaaacattcc agcaaagtca acttaaaaga ccctatatga ccattcatta ttcttgggta      420
ttgcc      425
```

<210> 338

<211> 289

<212> DNA

<213> homo sapiens

```
<400> 338
gtcttcctta atatatgtca gcaagtggag tgggtgtgctt aaggagagag agacttgga      60
aaatacagac cgagaacaag gccatgtgga gatagaggca gagactgaag ttgtaccacc      120
aaaggcaaaag aatatcaagt attatcagta accacaggaa gctggaagag gccaggaaaag      180
gtttttctta gagaccttgg aaggagcctg accctggaac accttgattt tagacttctg      240
accctcaaaa ttgtgaaaga ataaatttct gttgttttaa gcaaaaaa      289
```


<220>
 <221> misc_feature
 <222> (1)...(108)
 <223> n = A,T,C or G

<400> 344
 tggagttgga tccaaccccg tggctggcat cattgtcact gatgtcattg gcactctgct 60
 tccttgcttt tnnгааатсt ttctgctttt cttggacatt aagactgg 108

<210> 345
 <211> 458
 <212> DNA
 <213> homo sapiens

<400> 345
 gtttttgctt gtctgatgac tgatggctcc acccagacct gccaccact cccgcggccc 60
 catccagaag tggctcagcg tgcattgagga ccattctccaa catccctgtg attgtacccc 120
 caaccaacca gcagcaagaa cctattgcct agtcacctcc cctctctttc cccaactatc 180
 attgaaaaag tctggcttcc aaattttccg ggagactgat ttgggcccag cccagggcg 240
 caaggccgct tgcattcagca gcgtgcgtga gcagatgcgc cagcaagata gcaaaagcag 300
 gaagagagcc agccggaaga caagtacctc tgaagatgga gaaagaggcc atctgggtac 360
 aacgttcgag ttacgtcaga ccaggacctc tcctgtttac aggagactat aaaacctttg 420
 ccccatcctc acttgggggc tgacgccgtt ttaagcct 458

<210> 346
 <211> 258
 <212> DNA
 <213> homo sapiens

<400> 346
 ggtctctctc tgtcacccag gctggagttc aagtggcacg atcatgactt actgcagcct 60
 agacctccca gcctcaagtg atcctcctgc ttcagcttcc tgagtagctg gggactatag 120
 gtgatacctg ctcccttcac cttctgctgt gagtgggaag tccctgaagc tctcaccaga 180
 agcagatgct ggcaccatgc ttcttgtaga gcttgaggaa ccatgagtta aataaacctc 240
 tttcttttat aaaaaaaa 258

<210> 347
 <211> 205
 <212> DNA
 <213> homo sapiens

<400> 347
 aatacaataa tcccaagagg ccctgcaggg catggagaaa ctggaatcag aaggggagaag 60
 agctttgagt atgcctgaag cctgtgatgc caagactggt ctctctggaa gtgccaacct 120
 gtgtaatagc caagagggtcc cactggctcc cctccctccc cagtgaattc tgcagagatt 180
 aaatatactg tgggaaggaa aaaaa 205

<210> 348
 <211> 495
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 348
 gctcccagggt gctccttcag ttgccttgga gccctgcgtg ctcccaccta ctccctctcc 60
 attcagctgc ggtccctctt actgccacc tcaaatgtac tctgccagg gccagaggt 120
 atcacccact ctccgacctg tgccgcagag aaagccaaca accacagcta gagacttact 180
 accacctact tgacctaaag aacacatttg tgaaatgccc cttgtttacc tttccaacca 240
 ccaagctaatt tgtttggtgc tttagctaac aagttgtggg tgattacagc cccacttggt 300

gttatgggca	ctgttcagaa	gcttctggct	ttgagatctc	ctcgaaggct	tacttgggtct	360
tggttggttc	atcatattat	atTTTTtagag	aattacaggg	caagcctcag	ccagattacg	420
aaaatctgac	taagggtggt	gcatcaaggg	ccccaacagg	agcattttca	acccccctnca	480
gagccagcca	tggtca					495

<210> 349
 <211> 262
 <212> DNA
 <213> homo sapiens

<400> 349						
gcaatgcctc	tgagaacctt	ggaatggaga	aagggaacaa	tgatcatctgc	actcagtcct	60
ggaggaaaca	gctgaacaag	tcagcacagg	gcaggaggtg	accggtggag	gcgactagga	120
cttcttcagg	cagcatctga	agtctctctg	aaaacacaag	aaaagaatat	acagagaacc	180
tcccagaaac	tgcaagtccc	atggaaatta	aggccattag	tgTTTTgtat	aataaacagt	240
cacctttgca	tttaaaaaaa	aa				262

<210> 350
 <211> 293
 <212> DNA
 <213> homo sapiens

<400> 350						
ggtgcttgcc	cttcaactca	gccaccacga	tgtgagtaag	ctcaagctag	ccaacatgga	60
aagaacacat	ggagagatcc	attcggaaaa	gaatggcgac	cgctcacct	cagccgataa	120
ccagcatcaa	cccgagaca	tgtgactgag	caaggattca	aatgtcccag	cctccagcct	180
tcctgctgtc	ccagttgcca	gtgagtagag	cagaaactat	gtcttttcat	caagtccac	240
ccaaattaaa	gatgtcaggg	atacataaat	attgtcatta	acctaataaaa	aaa	293

<210> 351
 <211> 369
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(369)
 <223> n = A,T,C or G

<400> 351						
gggcattcaa	gataagccat	catatcncct	gtgacctgca	cgtacacatc	cagatggccg	60
gttcctgcct	taactgntga	catttcacca	caaaagaagt	gaaaatggcc	tgttcctgcc	120
ttaactgatg	acatggtctt	gtgaaattcc	ttctcctggc	tcctcctggc	tcaaaagctc	180
ccctactgag	cacctgtgta	ccccactct	gcccgcaga	gaacaacccc	cctttgactg	240
taattttcct	ttacctacc	gaatcctata	aaacggcccc	acccctatct	ccctttgctg	300
actctctttt	cggactcagc	ccacctgcat	ccaggtgaaa	taaacagctt	tattgctcac	360
acaaaaaaa						369

<210> 352
 <211> 176
 <212> DNA
 <213> homo sapiens

<400> 352						
ctgtcctgag	agcacgtctc	tacatctcta	cctgcattct	ggaatcaggg	agaaagccaa	60
aacggacaag	acactagatc	agccatgtcc	aaccctttga	ctacaaggac	ttttccgcct	120
atctgtgggtg	gtgggtatca	tgaaaattat	gcacaaacct	tttttttttt	tttttt	176

<210> 353
 <211> 357
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 353
 ccagatggcc tgaagtaacn gaanaatcac aaaagaagng aatatgcncg gccccacctt 60
 aactgatgac attccaccac nnaagaagng taaatggcnc ntccttgccg taagtgatga 120
 cattaccttg tgaaaagtcct tttcctagct catcctggct caaaaagcac cccactgag 180
 caccttgcta ccncactcc tgcccgaga gaacaaaccc cctttgactg taatttttct 240
 ttanctaccc aaatcctata aaacggccc acccctatnt nccttcactg ctctnttttc 300
 tgcctcanc cgcctgcncg cangtgaaat aaacagncat gttgctcaca aaaaaaa 357

<210> 354
 <211> 443
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 354
 gcttgacagta aggttgggct gctggcacga cccttacatc caccactttg tgagactgtc 60
 taaagacagg aaagtccctg aaatcaacag aggcaggagt gaagttgtgt ccgaaattgg 120
 tgggttcttg gtctcaccga cttcaagaat gaagccgcgg accctcgag tgagtgttac 180
 agttcttaaa ggtggcatgt ctggagtgtg ttccttcag atgttcggat gtattcagag 240
 tttcttcctt ctggttgggt tccgtggtct tgctggctca gcagngaagc tgcaagacct 300
 ttccgggggg ntgagcatca ttttcgtntt ggtcgaaagc cccacttaca tcttttactc 360
 ttggaactgn cccatantaa ggaattnctt ttttttcnag ntaaaaaatn ccaaaaataaa 420
 gctttatttt tccacaaaaa aaa 443

<210> 355
 <211> 257
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(257)
 <223> n = A,T,C or G

<400> 355
 ggtctctctc tgtcaccacg gctggagtgc agnggcacga tcatgactta ctgcagccta 60
 gacctcccag cctcaagtga tcctcctgct tcagcttcct gagtagctgg ggactatagg 120
 tgatacctgc tcccttcacc ttctgctgtg agtggaagct ccctgaagct ctcaccagaa 180
 gcagatgctg gcacatgct tcttgtagac cttgaggaac catgagttaa ataaacctct 240
 tttctttata aaaaaaa 257

<210> 356
 <211> 358
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 356
 gacctctat tatgtggtgg gtgtcccag agtttgagga cactgatct ggaccagaac 60
 atggtggcca gaggaagcan agagaaagtt taaaaggtaa ctttcgtgat gacatactcc 120

tgcaaagatg	gcgtgggaca	taattctcat	ggatggaggt	gaacatgact	gtcccttgat	180
acaaggggta	gaattgattg	ggttgctgtt	gtcctttgag	aatcaccacc	cgactctatg	240
tggctgtttc	ttcaattgca	aaatgagaga	gcatgtttcc	tttttaatca	agcaatatta	300
cccttaanga	aaccttgaan	ggcagttcta	ttattaaata	tctcaagcac	aaaaaaaa	358

<210> 357
 <211> 403
 <212> DNA
 <213> homo sapiens

<400> 357						
acactataaa	tgacacatta	tgaaaagaag	tgtttcagag	agtatcatgt	aaactggact	60
aattccgcta	cagcagttct	acaaagtctt	gaagaaaatc	ttcgaagtac	tgcaatataa	120
ttttcttgga	gccaaacccat	aaaacacata	tataaatggt	tatgtctgca	aaacttagga	180
agaagggaga	agagaccttt	tcccctttgc	atatttagac	aatgctgagg	ctgtatcctc	240
ctgggtctaaa	aattgagata	actgcattac	aggtaaccat	ggtatcttta	tgagagactg	300
ttagtaagat	tctaaatatt	tgactttgct	tctgtgcaact	tttcttaaat	ttcctgagta	360
acttagttat	gaataaataa	ataagtgcaa	tgtaaaaata	aaa		403

<210> 358
 <211> 287
 <212> DNA
 <213> homo sapiens

<400> 358						
tctgggtcaa	ccagttctgc	catccccacc	aggaacagaa	aacagcaaga	aaaactcact	60
tcgacccctt	aggattccat	ctccaatctc	accaaccagc	attccccact	tccgaagccc	120
ctacctgcca	aattatcttt	aaaaactctg	atgccgaaat	gctcagggag	actgatttga	180
gtaataataa	aactccggtc	tcccgcacag	cgggtctgc	atgaattact	ctttctccac	240
tgcatttccc	ctgtcttaat	aaatcgggctg	tgtctataaa	aaaaaaa		287

<210> 359
 <211> 144
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 359						
agtgcgggga	ttacaggctt	gagccaccgc	acctggccta	aaaacctggt	ttgttccctg	60
ctgtctcact	ggggcctgga	ggagcaacac	ttangaacgc	aatgcagggt	tggtgaataa	120
attaatgact	ctcgaaaaaa	aaaa				144

<210> 360
 <211> 443
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 360						
atggagtctt	aatctgtctc	ccagactgga	gcacagtggc	accatctcag	ctcactgcaa	60
cctctgcctc	ccgggttcaa	gcaattctcc	tgccctcagcc	tcctgactag	ctgggattac	120
aggcgctgc	cgatcatgct	agttaatttt	tgtattttta	gtagagatgg	ggnttcacca	180
tggtggccag	gctgggtctg	aactcctgac	cttgtgatcc	gctcaccttg	gcctcccaaa	240
gtgctgggat	tacaggcggt	agccactgtg	cccggccgga	tctgatgggt	tttccccgtt	300
tgtctggcac	ttctctttcc	agtcaccatg	tgaagaaaga	catgtttgct	ttcccttccg	360

ccatgatttt	aagtttcctg	aggcctattc	cctagccgca	ctgaactgtg	agtcattaaa	420
cctctttcct	ttattaaaaa	aaa				443

<210> 361
 <211> 102
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(102)
 <223> n = A,T,C or G

<400> 361						
caggcctggc	acggaatgca	gntttttacac	aacttgangc	atgaggangt	ganagatgga	60
aagaatgctg	tctgtcattt	ggagncntaa	ggaaaagaac	gt		102

<210> 362
 <211> 525
 <212> DNA
 <213> homo sapiens

<400> 362						
gtgagtcaca	gcagctgaaa	gaaaccagaa	agctctccaa	ggaagaagaa	accagaagga	60
accctcagag	gaaccccgag	gcaccatctg	agatgaagct	atgcaaagct	tctcagcatg	120
aaacctggca	tacaagagct	tggcctccaa	gagatgtttt	taaagctaata	tgctcggaat	180
ggagttatgt	tctgtgaaga	agccataaac	actgaattag	tgaatagtga	accgtttttc	240
ctgggggaaa	tacaagtaga	gatgaagttt	caccatgttg	gccaggctgg	tcttgaactc	300
ctgacctcgt	gatctacctg	ccttggcctc	ccaaagtgtc	ggaattacag	gcatgagcca	360
ctgcacctgg	ctgcttttgc	cccttttgc	tggtctctcc	ttgctgccac	catgtgaaga	420
aggacgtgtt	tgcttcccct	ttcaccatga	ttgtaagttt	cctgaggctt	ccccagccat	480
gctgaactgt	gagtcaatta	aatctctttc	ccttgtaaaa	aaaaa		525

<210> 363
 <211> 539
 <212> DNA
 <213> homo sapiens

<400> 363						
agacagggtc	tcgctctgtt	gcgcagactg	gtgtgcagtg	ccatgatctc	agcttactgc	60
agcctccgcc	tcctggattc	aagctattcg	cctgcctcag	cctccagcac	agctgggatt	120
acaagcactt	gccaccattc	ccagctaatt	ttttgtattt	ttggtagcaa	cgggggtctc	180
accatgttgg	ccaggctggg	ctcgaactcc	tgacttcagg	tgatccgccc	gccttggctt	240
cccaaagtgc	tgggatgaca	ggcgtgagcc	accgtgcccg	gcctaataat	aactctttca	300
accaattgcc	agtcagaaaa	ttttaaaatc	taccttatga	cctggaagcc	cgcctcacca	360
ccagtggagc	tgtcccacct	tcacagagtg	aacctgtcag	gcctctgagc	cgaagctcag	420
ccattatcac	ccctgtgact	tgcacatata	cgtccagggtg	gcctgcagga	gcccagaagt	480
ctggagcagc	caaggaaaaa	ccacagagaa	gtaaaacagc	cagttcctgc	cttaactgg	539

<210> 364
 <211> 347
 <212> DNA
 <213> homo sapiens

<400> 364						
acagagtctt	gctctgttgc	cagattggag	tgaagtggcg	cgatctcagc	tcaactgcacc	60
ctctgactcc	ctgattcaag	tgatgctcct	gcctcagact	cccaaagtgtc	cttctgaaca	120
gaccttcaca	tggatgatat	ttgctccggg	agaatgcagc	atgaacacac	agatttggtc	180
acagtaacga	atgctccttt	gaagaccagc	tgaggaggcc	gggtgcgggtg	gctcacgcct	240
ataatcccaa	cactttgggt	ggctgagaag	ggcaaatac	gaggtcagga	gttcgagacc	300
agcctggcca	acatagtga	accctgtctc	tactaaaaat	acaaaaa		347

<210> 365

<211> 212
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 365
 ctgtggtgat aggtgaacan gnatggacat aaggccttcc tcagtggcaa ggatctcaag 60
 atcccttctt gatctcagat tctgtaaatg ggataccttt ctccatgtac tgaagcagct 120
 caaggccctc gccagatctc agcaccatgc tcttggactt accagcctnc agaactgtga 180
 gccaaataaa cttattntct ttataaaaaa aa 212

<210> 366
 <211> 422
 <212> DNA
 <213> homo sapiens

<400> 366
 acccgccgct gacttccacc cctctggatc cggcagggtg tccgctgtcc atggaggcac 60
 ccattactgc tcccgatccg gctaaaggct cgccattggt tctgcacggc taagtgccca 120
 ggttcgtccc aatcgagctg aacactgggc tctaggttcc acggttctct tctgtgaccc 180
 acggcttcta atagagctgt aacactcacc gcatggccca aagttccatt ccttggaatc 240
 catgaagcca agaaccacag agacaaagtc tcaactctgt gctcaggctg gagtgcacaa 300
 gcgtgatcgt agctcaagtc caccaggatt ataggcatga gccattgcac ctggcctgcc 360
 cttggaaatt ttaataaaat aaagggctcg caataaaaact tttctttaca gaccaaaaaa 420
 aa 422

<210> 367
 <211> 486
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(486)
 <223> n = A,T,C or G

<400> 367
 acctctggct cacatcaaga tgttgggaagt gaattcttac atatgtactc agcctgaaat 60
 ttgactttcc tctgaggcca tgtcaatacg gtcaatacaa aggagagaat tcagcaactt 120
 atccaaagga ctcaaggccc caagactggg aatggaggaa aattaagttt agaacaatga 180
 agagagacga ttttaattatc aaatgaagca tactaatggc ataattggta cacggtggat 240
 catgctgtaa ccccgatttg cacggatacc tcaacagtga gctgacttag gaacagcacg 300
 ttgcactttg ccttcgtaaa cctccccgag tgtgcccttc cagatcataa atggaagcct 360
 gaggagccaa aacccaagga tgtgctggga actccactga gaggtgatct cttgaccctg 420
 gatcactttc ttctanaggn ctgctcaang nggttgtnag atccttgaaa aatgtccaat 480
 taactg 486

<210> 368
 <211> 258
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(258)
 <223> n = A,T,C or G

<400> 368
 ttcaggatct caggatctca ggatcacacc ctcagggtct cgtctgtctg cccaagctgg 60

agtgcannng	cgcgatcatg	gtcactgca	gcctcgaatt	cctgggctca	agatcctctc	120
ttctcaacct	tcccagagcag	ctgggactac	aggcgtgcgc	cacttgaact	cggctaatat	180
tgnagtattt	actaagtttc	tgtaaatacct	aatcaatnta	agggaaanta	aagggttttt	240
taaatggtta	aaaaaaaa					258

<210> 369
 <211> 444
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(444)
 <223> n = A,T,C or G

<400> 369						
atggagtctt	aatctgtctc	ccagactgga	gcacagtggc	accatctcag	ctcactgcaa	60
cctctgcctc	cggggttcaa	gcaattctcc	tgccctcagc	tcctgactag	ctgggattac	120
aggcgccctgc	cgatcatgct	agttaatttt	tgtattttta	gtggagatgg	ggtttcacca	180
tggtggccag	gctgggtctg	aactcctgac	cttgtgatcc	gctcaccttg	gcctcccaaa	240
gtgctgggat	tacaggcgtg	agccactgtg	cccggccgga	tctgatgggt	tttccccggt	300
tgctcggcac	ttctcttttc	agtcaccatg	tgaagaaaga	catgtttgct	ttcccttttc	360
gcctggattt	taagttttct	gangcctatt	ccctaaccgc	cactgaactg	ngagtcatta	420
aacctctttc	ctttataaaa	aaaa				444

<210> 370
 <211> 265
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(265)
 <223> n = A,T,C or G

<400> 370						
ccttcagaag	aaagctgggg	cctggaatca	tgggactttc	ccgacttaag	tcctctaaaa	60
tcaaccccg	naagaagatg	gggatgcacn	ggaaaccctc	gaagaagttt	gggagngang	120
aatcnngatt	ctgggaagga	tattattttt	cattttngac	cantatttgc	nnnnattttt	180
ctntaaggga	aaattntngn	tgggggtttc	cctccaccat	taccttggat	cntaagggat	240
tttttaaatt	tatttcaatt	tggcc				265

<210> 371
 <211> 101
 <212> DNA
 <213> homo sapiens

<400> 371						
gacccttttg	agcacagttc	agcctaggtt	aagtccaagc	tgaattggcc	aattcttttg	60
ctttttaccc	tggaagaaat	actcataagc	cacctctggt	t		101

<210> 372
 <211> 252
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(252)
 <223> n = A,T,C or G

<400> 372						
tctatcgcca	cggctgncga	cttcnctga	gcaagcntcc	agctngctta	cctatgctag	60

cagctcgatt	tttcaggccg	ctttttgttn	gaanagaaaa	tanctcatgc	tggtttatta	120
ttnaaataac	aaaccttinct	ttttggctct	caaagntaac	ccagacatga	atttngaggg	180
ttttatggcc	cccncttnna	nggcnggggtg	atgatcacia	aatagaaaca	canagggaca	240
ttcatcaaaag	gg					252

<210> 373
 <211> 426
 <212> DNA
 <213> homo sapiens

<400> 373						
gtttcaggcg	ggtcctacct	tcaacgacaa	tccaacctct	tacaacataa	aaacagggag	60
attggagaca	gacatgggga	gaaggccatg	tgaagacgga	ggcaggaact	cctgtgatgc	120
ggccacaagc	cacagagggc	ctggagccac	caggagctgg	aagaggcagg	agggatcctc	180
ccctagcacc	tgtgaaggga	acagggtcct	gcccacacct	ttatttttga	cttttggcct	240
ccagaattgt	aacgaataaa	tttctgttgt	ttgaagccac	gcagtgtgta	taaatttgct	300
actgcgggtc	ggcggggcgc	ggtggctcac	gcctgtaatc	ccagcacttt	gggaggcccg	360
aggcgggaag	atcacgaggt	ctggagatcg	agaccattct	ggctaacatg	gggaaaccgg	420
cattct						426

<210> 374
 <211> 216
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(216)
 <223> n = A,T,C or G

<400> 374						
agacggggat	ctcattttgt	tgccccngct	ggncctcaa	tcctggcctn	aagtgatcct	60
gncaantcgg	cctctcgaag	tgengcagan	gacaggaatg	agccacttgc	tcattgcogct	120
nacatcgata	atttanatgg	ntannccctca	aancntntnn	aatccaccc	cacataattt	180
tcttgaaata	aaccacttgn	gtgaaaggag	gctcca			216

<210> 375
 <211> 152
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 375						
aaagcagatc	ttctcgcctt	ggtctcccaa	agtgcctggga	ttacaggctt	gaactactgt	60
actccgactg	acttttcccta	tttctaattg	cagcatgaat	gaacacaaga	agtcantttt	120
nanaaggcat	ncagcaatat	cattttattcc	cc			152

<210> 376
 <211> 328
 <212> DNA
 <213> homo sapiens

<400> 376						
gccctagaaa	caaagaacca	atccagcagc	aacaagcatc	tctggcagtc	tatcatttcc	60
cttcaactga	aatcagatct	tcttaaagaa	atgcttggct	ctcagactgg	gaacaggaaa	120
tgtacaagat	gtgcttcgat	atctggtcaa	atcagaaact	caaaaagcta	tcaaagtctc	180
tttggactgt	gtcagaaaga	ggtgaaaaga	ctcccacttg	ccaaagacgg	gacaatttga	240
gcattcataa	gactaatcac	tataatggac	tatagtgaac	tggagtacct	taaaatttgt	300
ttcaatccat	gatttcataa	tgggtgct				328

```

<210> 377
<211> 253
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 377
acggaatgag ccatgatccc tgantcctna cctcanggag agatgngcag aagagccncc      60
caannngtga tgtgntggnt aacattnnnt gacccatttg acgngtgngg ggaggntcta      120
acngggaaca tatactannt tctgtaatgc ntactcctac taactgctgc ttttaggcna      180
ccaatcgtga tgtcactnaa cacagcantg naatggntgc acatgaatca gttccttatga      240
ttggaagatg aac                                         253

<210> 378
<211> 227
<212> DNA
<213> homo sapiens

<400> 378
aaatgggaag gccaaaggacg gttttttctaa agacatgaca tatgaaccca actctgaagg      60
atgaagatgc aaaaagtaaa agaaagaatc tctcttggtt gagcacagtg gttcaggcct      120
gtaaccccgag cactttggga ggatcatttg agcccagggtg ggaagcagga acatttgagc      180
ccaggagtgc aagacaggcc caggcaacaa aacgaaactc catctct                                         227

<210> 379
<211> 444
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 379
gccaaagaagc cagtgtgtcc tctcctggct ctcatcctct tcctgctagt tgaatacaga      60
taatcatgag gcccaagacc ctaaggaaca gtgcagccag gagtcggaag gagcctgggt      120
ttctgaatca tcacatggag gggagctgtc ttcagctggg agagctgtct tcagttggat      180
actggatgga gtctcgctct gtcacccagg ctggagtgca gtggcgagcag catggctcac      240
cgcaagctct tcctcccaga gacnggggtt caccctgtgt agccaggatg gtcttgatct      300
cctgacctcg tgatccgccc gcctcagcct cccaaaatac tgggattaca ggcgtgagcc      360
accacgcccc gcttggatta tttttaaaaa ttcaaaaaaa tgaaatcttt attattactt      420
ttnggattaa gectccttta aatg                                         444

<210> 380
<211> 401
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

<400> 380
ctttgaagaa agatgacacc acctttgatg agatggggaa acggaagttt agagaagtta      60
agcaactagc acagggtcac agggctagtg aagctccaga agtggagggtg acccagacac      120
ggccctcacg ccagtttaag tagcagctgg agagacctgc tggattgttg gcctttgaaa      180
gggaacattg aaagttgctt gcatttgatg atgattgggt tacatttact tgaattgtgt      240

```

aactttttaag	ttgcaaatta	atgctaaaag	tgtattaggg	tagccttagg	ctgtgggact	300
aattgagaaa	cgaagtacaa	tggaagtgt	gcaagcaagt	ggattttcct	gcttagagca	360
ggtatttact	attaatcctg	nggcatttgg	ctttaagagg	t		401

<210> 381
 <211> 254
 <212> DNA
 <213> homo sapiens

<400> 381						
gtcacgtgag	gatcaagaga	gaagccacgc	atgtcagggc	cctggcacat	cacagggctc	60
agcaggagca	tctatcatca	ttggttcatg	tctggctgag	accagacctt	gtaaaaatga	120
gagagaggtg	aaagaaagaa	cgcagggagg	gaagagaagt	ttggcagagg	aaattgtggg	180
atgaccgact	attcaggaga	ggccagattt	catacattct	gatcctaaat	atactcatat	240
ttgtcaaaaa	aaaa					254

<210> 382
 <211> 475
 <212> DNA
 <213> homo sapiens

<400> 382						
ctctccttct	tctcagaaac	ccctgggttc	ttcacagatt	ctcgcacatc	cagacgctga	60
gccaccccg	acctaggatg	ctatgtggaa	gccgaggcca	cacctccac	atggcccctc	120
tggccagccg	ggcatctcag	atggaatctc	agttttataa	gggggagttt	ccctgcacaa	180
gctctctctc	tttgtctgct	gccattcatg	taaaatgtga	cttgctcctc	cttgcccttc	240
gtcatgattg	tgatgcctcc	cagccatgtg	gaaatgcctt	ggttcaaadc	aacactgaga	300
acagagatga	cagatgaagg	caagaacgcc	taaccgcaga	ggtttcctcc	agcaacattt	360
taccaacaca	ttctaatect	cagcaaagcc	agcagaatga	aggtttctga	tcagaaaagc	420
aactataaaa	tactgcctta	ttcacgtggc	ctgtttattc	ctggagtggg	tttca	475

<210> 383
 <211> 172
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 383						
ctgcttaaga	gatactgcat	naatcacaa	tgaagagccc	atgggggana	ggcnccaaca	60
gaccctgcac	ttgatggacc	aactggcnn	acccanattc	atacaactgg	attnnttnaa	120
ntanngncc	cccaccnng	aacatgattc	tgagcggcga	agaccagttc	tt	172

<210> 384
 <211> 206
 <212> DNA
 <213> homo sapiens

<400> 384						
gatctggtgg	atgcatttat	caggaaaaat	gaccacttct	cctagagggc	caagaagact	60
tgaaaatgaa	aattctcatc	accaacctcc	agtcctcatc	cccaccctaa	atgacacttc	120
tccaaattct	cttttaaaat	gcttcttgta	ttccaacttc	acacctatca	acacattcat	180
aaatgatatt	cataattaaa	aaaaaa				206

<210> 385
 <211> 301
 <212> DNA
 <213> homo sapiens

<400> 385

ggaaatgtgg	acacagagaa	agacaaggag	aatgccacac	aaagatgaag	gcaagtgatg	60
catctacaaa	gccaagaaat	gtcaaagact	gcctgcaaac	caccagaagc	taagagcaaa	120
agcacaaaag	cgattctctc	ccacagccct	cagaaggaac	caaccctaca	gacatcttga	180
tctcagatgt	ggagcctcca	gaactgtaag	acaacaaata	tctgctgttc	taagctactt	240
agcttgtgat	aatttgtcaa	ggcaacccta	ggaaataaat	acagggaact	tcaaaaaaaaa	300
a						301

<210> 386
 <211> 303
 <212> DNA
 <213> homo sapiens

<400> 386						
aggatgcagc	aacaagggtgc	catcttggat	gcagagagct	gccctcaaca	gacaactgaa	60
cctgccagca	gcttgatctt	ggacttcccc	gcctgcagaa	ctgtgagaaa	gagatttcca	120
gttataagt	acttagtctc	agaggtgcc	taattccgga	tggatttgaa	agagtgttgg	180
ttttcagatt	ctctgcccc	actcgtcaac	ctctcagttc	aggacctccg	gtccagaaac	240
aatcagctat	ctcattcatc	aagcaactct	actttgtgaa	acataaaatg	atacaaacaa	300
aaa						303

<210> 387
 <211> 277
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 387						
gcgctgggag	ctcctgctta	agctncaact	gagtaacttc	cctggaaaaa	gatcaagaag	60
tgaagtgcaa	taggaagaca	gagaagctag	tctaacagga	aggcatcgta	ttctagcaaa	120
aggaggaccg	gccctgtctc	tcgtctggaa	tctcaagtct	atcattagtc	tatctcaact	180
aactaactgt	atcttctttag	aacctttcca	tgccctcagat	tgttttaatt	tttttaatgg	240
ggataataaa	atctgctaca	tttacttcaa	aaaaaaa			277

<210> 388
 <211> 343
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 388						
atgacatcac	tattgtaaaa	ccaagaattg	gtgctccaga	tatttttcag	accctgcact	60
caatggatca	gctggcacca	cccagatcaa	taaactggct	catctgggtct	tgngggcccc	120
acccaggaac	tgactcagca	caagagaaca	gctttgactc	caatgatttc	atctccaacc	180
cgaccgatca	acattcccca	ctccttgacc	ttttatccac	caacttatcc	tttaaaaacc	240
ccagtctctg	aatttggggg	gagatcgatt	taagtaataa	ctctgtctcc	gggtgtgcca	300
ggctggctcg	tgtcaattaa	actcttttta	ctgcaaaaaa	aaa		343

<210> 389
 <211> 184
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(184)

<223> n = A,T,C or G

<400> 389

gtgatcatgg	ctcaactcct	atgctcaagc	gatacctcctg	cctnagcctc	nnnngtngct	60
gctgggactg	cnnnaacntg	ccaccatgcc	tggtctaaac	acanngtttt	tttataaaan	120
tccttggtcg	ncanaattct	accttacctg	aagttattca	cngggtctgt	aatacaccac	180
ttaa						184

<210> 390

<211> 213

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(213)

<223> n = A,T,C or G

<400> 390

agatgctcaa	ggaggagcag	gaagtggcta	tgctgggggc	gccccacaac	ccnctgccc	60
cnttgctnac	cttgatacnn	ntgngaaaca	agancctccc	tnagcgcnc	ngaagaacaa	120
gtggtgctaa	cacttcnact	ttagcccant	gaaacttatt	tcagacttct	gacttcagaa	180
tataataaat	ctgtgttttc	ctaagagaaa	aaa			213

<210> 391

<211> 425

<212> DNA

<213> homo sapiens

<400> 391

atggtgtccg	gaatttcaaa	taatactgag	ttatgggaat	tgccacaaga	ccatccacat	60
ttcctgaatc	gtgactcctt	tcattctcac	tgctcagcatg	gtgggttgag	tccttctaaa	120
gcttcaaate	tctctgattt	ctccttctgc	tttatatttc	ctgtttttag	cctgagaaga	180
ttttctgctt	ttaagggctc	atgtgattag	attgagccca	tccagataat	ccaggaaaaat	240
ctccttattt	taagatttgt	acccttaatt	accaaaacac	attccctttt	gctatgtaag	300
ataacatatt	cacaaattct	gagattcagg	catagtattt	tttgagagag	gtgtacttgg	360
tctctcatca	taacctaccc	aagacaaaac	agccaataaa	cagtttagta	gtttattaaa	420
aaaaa						425

<210> 392

<211> 420

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(420)

<223> n = A,T,C or G

<400> 392

gtctaagagt	gatgggaact	ccaggcctga	ctcancgagc	aacctctgtg	ggctgcgggc	60
gaagaaatga	agagcaaaaa	ttcatccatg	aacagggcag	gacagcatct	ggattttcat	120
gcttggtttc	atcctccata	agcagtctgg	cttccagggg	accgtggggg	cagacccac	180
aaccttcatg	gctgcatacc	cagcacgcta	tccattgttc	tcctgacagc	caagcccaat	240
ccactgcaga	gaagagtgtt	tgggttggtg	cacatccaga	taagaaggga	ccacagagag	300
gtaacagcaa	aagtctagag	cacagagctg	ctcgaactgg	actcagctgc	ctgggtgaagt	360
tgggggcag	gaaactcatg	ctggctaaac	agctgtctaa	taaatctgcc	ctagcatcac	420

<210> 393

<211> 349

<212> DNA

<213> homo sapiens

<223> n = A,T,C or G

```
<400> 396
gtgtgctggg tgcctgcagt gtgaaaggag actcctncaa acccctgctg cacctgcata    60
tggagaatgc cattgatgct gggcctcacc aactcctctc ttccccacct tgggtcaagaa    120
gcagatggcc tttggatggg tggattggat gctgctgtan aaacagaagt cagggagaca    180
tagtcgccat cacgcctact gttgttttta acgtggacac agactgttag tttcaccgtg    240
ccagatgctg gtggtcaaga taaaattagg ctcttctgca ggcattactt ccagaccagg    300
tctttttttt tgtttttttg gtggtagata gcaataacca tgaaaaaat caggaaggat    360
gggaaaagca gcagcaaatg ctccaagaag atgagtatgg agatgcagtg ctgctacttt    420
ttgcaaacag gatttgctga acgctatact taacgttact aatcattaag aaattgcaaa    480
tcacaactac aatgagatat tacctcattc gtgttagaat ggctattatc aaaaagatta    540
aaaaataacc aacattggaa aa                                     562
```

<210> 397

<211> 301

<212> DNA

<213> homo sapiens

```
<400> 397
ggaaatgtgg acacagagaa agacaaggag aatgccacac aaagatgaag gcaagtgatg    60
catctacaaa gccaaagaaat gtcaaagact gcctgcaaac caccagaagc taagagcaaa    120
agcacaaaag cgattctctc ccacagccct cagaaggaac caaccctaca gacatcttga    180
tctcagatgt ggagcctcca gaactgtaag acaacaaata tctgctgttc taagctactt    240
agcttgtgat aatttgtcaa ggcaacccta ggaaataaat acagggaact tcaaaaaaaa    300
a                                     301
```

<210> 398

<211> 473

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(473)

<223> n = A,T,C or G

```
<400> 398
gtcggggcag ggcactcacc aatgaaggac acggccttgg tgttgatgat gccgctgggc    60
agcagggtga agtcgtactc tttcccattc accaccaccg tgtggccggc gttgttgccc    120
ccctggaaca gaaacccggc tgagctgaag gcacttgggt actgaggacc ccccgacat    180
ggactgaccc acatggggct tcgtctgtcc ctgcagggca ctgctgttgg attttggggg    240
gtctgggttg gtggccagct ctgatgcgtc tgtgcgggac tgggatgtgg gcatcctgca    300
ccttggaagg agggcagcag tttggtcaag ggcctgggtc ggggaaggnc ttggccaagg    360
ttgngccaa cacctccaag gnggcttggg gcaggctctt gcaacttgcg ggcccgcgtc    420
tggagctcgc tcctntcatg caggaatgag gangcctaac cttccacaa aac          473
```

<210> 399

<211> 418

<212> DNA

<213> homo sapiens

```
<400> 399
ccgtgacagc actggagcct ttcggacacc tggaccatgg accccaggga atgtgtctgc    60
atgtctggag gaatctgcat gtgtggagac aactgcaaat gcacaacctg caactgtaaa    120
acatgtcgga agagctgctg tccctgctgc cccccgggct gtgcaaatg tgccccggggc    180
tgcattctgca aaggaggctc agacaagtgc agctgctgcc catgaaagcc atccatcgtg    240
cccacccctt ccaaggagag aaacctggga agtgtctgta cagtgcattg atcgagaagg    300
tggaaataatt gtacaatagg ttgtgctttt tatatatattg cccaaatgtg gtgttggtca    360
cattcatgta aagtacttgg ggcaataaag ttttcactct tgggtgcaaa aaaaactc    418
```

<210> 400

<211> 313

<212> DNA
<213> homo sapiens

<400> 400
tcccttctaa aaagggaaca ggaactccat tctggaactg acttccttca ctaggagcca 60
agaatctacc ctacgaactt tctggaggaa ctctcagttg ctgaaacgga taattacatt 120
ctggctcact gactcaggac tggccctgtg actcactctc atcaatgaac tctacacaga 180
agtgacgtgt gttgcctctg gggagcagct gtaagccctt tctgcaatgc tgactggcag 240
tggtccagag tgaggctgtt ccctcaatct gagtaagcag agcttactac taaactccta 300
accgaaaaaa aaa 313

<210> 401
<211> 478
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 401
acagcatctc actgtcaccc gggctggagt acagtggcat gatcatgact tactgcaacc 60
tccacctccc aggtcacaagc aattctcctg cctcagcctc cctagtagct gggactatgg 120
gccacaaca ccatgcctag ctaatttttc tgtaattttt gtagagactg ggtttcatca 180
tggttggtctc gagctcctgg gctcaagcaa cccaccgctc tcggcctccc aaagtgccgg 240
gatgacaggc atgagccacc acacccatcc caaaacagct tttctaactt gacaacgtcc 300
agataagcaa actgcttaca tccacgactt cgtcttttga ccgaaagtca gacaccagaa 360
cggtttcccc attaaacact ttggnaaaaa aaaatgccta ttttgccggg aaataacctg 420
ngggacattg gccgggaggc atttgcanan accctgtcgg aggaacttgg cttaagtg 478

<210> 402
<211> 128
<212> DNA
<213> homo sapiens

<400> 402
gaaggccatg gccacagag agaagatggc catctgtaag ccaggaagaa aactcccacc 60
agaacctgac catgctggct gcagaattgt gagaaaatac atttcttttg ttttaagccga 120
aaaaaaaa 128

<210> 403
<211> 366
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G

<400> 403
ctatccaagt gaccagagga tttctccaac ttccttgatt acagcagcct gatgctttnc 60
ctgnntaaac aaantctagt gaccgcactt cngnccgnca ggnggcgctg nnnctgtatg 120
ncnactcaga gagactgagc tgngcnancc cagaaggcnc cgtncnnct gntgnntacc 180
ctttcccga tgntggncca cgccgngctc ccnaacggcc cttcaatgag atcaaagtgc 240
tacnggcgaa tagccgtcng aatgccaaac ctgactggct tgaaagaang ggtttaacct 300
tgggcaccac agtcttcttt gtggatctat tcttatcaaa acaacaccaa tggaaagaat 360
tttttt 366

<210> 404
<211> 153
<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 404

cttagtagag	acaaggattt	ggaccatagg	tggccatgct	ggtcttgaac	tggtgacct	60
tgtnattcag	cccggcntcg	gnctnccaaa	gtgcttgga	ttacaggcgn	gagccactgc	120
accgggncn	tgtatngtt	ttttttaaaa	aaa			153

<210> 405

<211> 419

<212> DNA

<213> homo sapiens

<400> 405

aaatatgagg	gaaaatattc	acagaagcaa	ctaacttaga	gtcacacgcg	catgaaattt	60
ggtgccgtga	ctcggatcag	gggacctccc	ttaggagatc	aatccccctgt	catgttcttt	120
gctccgtgag	aaagatccac	ctacaacctc	aggtcctaag	accgaccagc	ccaagaaaca	180
tctcaccaat	ttcaaatccg	atcttctcgg	cttagcggct	gaagactgac	actgcccgat	240
cgcctcggaa	gccccctaga	ccatcacgga	cgctgagctt	caggtacgca	tgtgggcaga	300
ggaaacatgc	caaataagga	aagttccagg	atgatcatat	tttaaatacat	attttctttt	360
tattttttta	tttggccttc	atttaccaca	agaacaaaga	taattatctc	aaaaaaaa	419

<210> 406

<211> 104

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 406

tttcacccat	caaaacctcc	atgaaanggc	ccaaatttnt	nttgatatt	aaccngggtn	60
ggcntttaac	aaccctaaat	acacgtctgt	ttagcccgca	tcca		104

<210> 407

<211> 406

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 407

gtatgggaca	aagacaagac	tagaagtcac	cctaccatcc	accagagac	aaatgcacgt	60
ttgacgtctt	cctctactct	atgtttactt	tgttttacgt	aaaatgcaga	tttaaaatgc	120
agaangcata	actgactgtt	cctctactcc	ctcctttcac	atgtaacatg	tggtaccagt	180
gaacgcta	caaagcctca	caagaatgtg	acccttacc	tcactgcata	tctacctctt	240
ttttttcttt	cctgctttcc	ccttctgcca	ctctcccctt	ttaaattgtga	actcctcaaa	300
atcgtctttg	gaaaatgcac	agggcacaga	tcctactgca	actgtgtctc	cttcccaggc	360
gtatcctcta	tcttgga	ataaacctct	aaattgagaa	aaaaaa		406

<210> 408

<211> 568

<212> DNA

<213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(568)
 <223> n = A,T,C or G

<400> 408
 gccctagaaa caagtaccaa tccagcagca acaagcatct ctggcagtct atcatttccc 60
 ttcaactgaa atcagatctt cttaaagaaa tgcttggtct tcagactggg aacggaaatg 120
 tacaagatgt gcttcgatat ctggtcaaat cagaaactca aaaagctatc aaagtctctt 180
 tggactgtgt cagaaagagg tgaaaagact ccacttgcc aaagacggga caatttgagc 240
 attcataaga ctaatcacta taatggacta tagtgaactg aagtacatca aatatgtttc 300
 aatccatgat ttcataatgg tatcttaaat aattgggtcac ttgtggagga ctctacgtaa 360
 ccaaccaaac aacttgaaaa ctggtaataa agagaaatcc tttattctgc ctttcctata 420
 gaaaccataa ctgaacccca tgggtgatga agcaatttct cttacacaag cagtctacct 480
 aataactgaa gaaaggagcc gagcanggca ngagaagtgg gtggtgggga gaaaaaagaa 540
 ttaatncctt aatggagaag gaaaaaaa 568

<210> 409
 <211> 568
 <212> DNA
 <213> homo sapiens

<400> 409
 agacgaggtt tcgccatttt gcccagctg gtctcaaact cctgagctca agtgateccac 60
 ctgcttcagc ctcccaaagt gctgggatta cagggatcat gaagattaaa taagtagcca 120
 tcaaactctg aagtaacaga tctcaagtgg cagaatttca gatattgtaa aggttttaac 180
 ttcagagatg ctttacggca aaggactttt gcaatgtctc tgaaatcaca ccacctgatg 240
 gcaacctttt ctaaattattc ctaaagtcag cacatacctt taaatacaca tacagcccaa 300
 cagctctgga cttctgaaga ggaaatgggtg gctccactg ttcgaaggat gccagtgaaa 360
 gctagtgttg gctcctccag ctgaggaggg aacacatgtt taaacatgga acacagctgt 420
 ccaggattga tgagtcttcc ttcaagaaag ggaaagacaa ggtgtagcct gtggcacaaga 480
 tgacggcatc aatctcctct tctgggcatc ttcaaaagaa ggggagtggc tcaatgaact 540
 cttgccccat tcgggttcat cacaagtc 568

<210> 410
 <211> 427
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 410
 ctgcgaaagg atctccttca tccctctcct gacgaggaga agaggacgac acgcggaana 60
 aaacgcnnngn tgcgacagcc ccaatncctt acttctntgga tgtganatgn ccatgatgct 120
 ntnaantcac cacggcttta gccatgccaa acanccnttt gnacgcccc annancactn 180
 nactattgtc cacagntaca ctnttgccat ttgaagaatg ttatgtaaat ggaatcatatc 240
 agtaaccttt tggaattggc ttttttcaact cagcataatt ctctggagaa gttcatccag 300
 gttgtcacag gtatcaatag ttcatggngc ggacgtacaa ttttaacgttt caccaccaa 360
 aagananatt ggntcttttc agtttttgac tgcgacaaat aaacgaatat taacattcaa 420
 aaaaaaa 427

<210> 411
 <211> 130
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(130)
 <223> n = A,T,C or G

```

<400> 411
ttccccacct gccttgattc angatgttct cctatcacca gcacngggcc cagcacngtg      60
ggaggtattc tanccttntt gtttacntgg ntnacaaacc agccggntca tctgcaaaac      120
tgactgtggc                                     130

<210> 412
<211> 141
<212> DNA
<213> homo sapiens

<400> 412
aaagccatca atccaagcat tcagtattac atccacttga ctatcctgcc gccttgatta      60
agctgcctgt agactgctgt gcaaggaatt aaataccatc tagaatagaa attcaaacac      120
cagaaacttt gaagaaaaaa a                                     141

<210> 413
<211> 115
<212> DNA
<213> homo sapiens

<400> 413
gcagggggcat ccagtgggtc aagggttaca taagctgtga tctgtccact gcattctacc      60
tgggatgaca gagtgggacc ctgtgccaca gagtgagacc ctgtctcaaa aaaaa      115

<210> 414
<211> 220
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 414
actgacagca gcaatcacag tcacattcca cantctctcc agcacccatc canttntang      60
ggnggggcaga ggggactgga ncacccaaca acangancca tgtcctcacc tcttgccaacn      120
ctcanccctt ttattttgan atagatntat ttgaatnaag acaagtatct cancaaataga      180
caatctgacc tttactacna tnttgaacta cacagtttca                                     220

<210> 415
<211> 104
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 415
gctacagcat gctggccata gggattggaa ccctgatcta cngncaactgn agcataanga      60
agtcgggacc gattagctnc ntgccctac aaatcgaagt actt                                     104

<210> 416
<211> 451
<212> DNA
<213> homo sapiens

<400> 416
gtcttcatatt tcttgcttcc gtttcatggc cacaagatag ctgctgtacc cacatgtcag      60
gcctctgagc ccaagctaag ccatcatatc ccctgtgacc tgcacgtata catccagatg      120
gcctgaagta actgaagaat cacagaagaa gtgaaaatgg cccattcctg ccttaactta      180

```

tgacatccca	ccattgtgat	ttgttgctgc	cccaccttaa	ctgagcgatt	aacctcgtga	240
aattccttct	cctggccttag	aaactccccc	actgagcacc	ttgtgacccc	cacctatgcc	300
tgcaagagaa	aaaccccttt	tgactgtaat	tttccactac	ccacacaaat	cctataaaaac	360
ggccccaccc	ctatctccct	tcgctgactc	tttctggact	cagccccgct	gcacccagtt	420
gaaataaaca	gccttggtgc	tcaaaaaaaaa	a			451

<210> 417
 <211> 407
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 417						60
gtatgggaca	aagacaagac	tagaagtcac	cctaccatcc	accagagagac	aaatgcacgt	120
ttgacgtctt	cctctactct	atgtttactt	tgttttacgt	aaaatgcaga	tttaaaatgc	180
agaatgcata	actgactggt	cctctactcc	ctcctttcac	atgtaacatg	tgatccagtt	240
gaacgctaata	caaagcctca	caagaatgtg	accccttacc	tcactgcata	tctacctctt	300
ttttttcttt	cctgctttcc	cctctcgcca	ctctcccctt	taaatgttga	actcctcaaa	360
atcgtctttg	gaaaatgcac	angggcacag	atcctactgc	aactgtgtct	ccttcccagg	407
cgtatcctct	atcttgga	aataaacctc	ttaattgaga	aaaaaaa		

<210> 418
 <211> 441
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(441)
 <223> n = A,T,C or G

<400> 418						60
gcaaccctca	tctaatacaac	tgaaaacttg	aatagaagaa	aaagattgga	gtgggtgggccc	120
catttctctat	atgcttgagg	tgaacttttg	ctacatagct	ggccttattt	cactactctg	180
gatggtgtac	atttttaaaag	gtatttggtt	ttattacaat	acaacacata	cagtgtgttg	240
aataagctctg	acttgatanca	atcaatatgt	ctttttacaaa	tggtatacacc	tatgtaanca	300
caaccacagaa	caacatatgt	ctgagaaccc	tttatgattc	ccttccaatc	agtaaccccc	360
accatgttaa	ccattatttt	ggacctccac	taccatagat	aagttctgcc	ttcatataaa	420
gagaattata	ctgtatgcag	tattttgttt	ccaactcaat	ttattcaaca	ttttgtctgc	441
atggattaag	gtgcgttctt	a				

<210> 419
 <211> 333
 <212> DNA
 <213> homo sapiens

<400> 419						60
acacaagcat	gtgccttggt	gaatgagtaa	cttcttaagc	cacagatggg	cataatctta	120
tttgaaaagag	gtcttcccag	gccagagggt	catctccaac	ccgaactaga	ctattcctcc	180
agaaaagacag	aagaaaagag	aaggaggaga	ggaggcgcag	cagctaattg	gcagtcataa	240
ggtgtggcag	tcataaggag	gatacagcaa	gaagacagct	ctgtgagcca	ggaagagggc	300
cctcaccaga	acccgaccat	gctggcacc	tgatctcaga	cttcacgac	ctagaactat	333
gagaaataaa	tgtctgttta	accacaaaaa	aaa			

<210> 420
 <211> 155
 <212> DNA
 <213> homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 420
cggggtggcg cttgtgttgg ctccatgaca ncanatctat aggggncgtc agngaaacgg      60
cgncatncct tttgagcncg ttcagcctgg ntaantccaa gctgaattgg ccnattcttt      120
tgctttttac nctgggaaga aaatactcat aacca                                  155

<210> 421
<211> 115
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 421
tatgataggg gaacaacnca ctctggggcc tgtganganc acggagagca tcnnganaga      60
acngctaatt ggncttgggc ttaanacctg gtggangggg gcgatctgtg cggct          115

<210> 422
<211> 122
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 422
acaatgttac ccaggctggg actgaactcc tggcctttan ccactntccn gcctnancct      60
ntcgagtagc tgctgattac agacgtagca caagccactg ngcctggctt aaaatacctt      120
tt                                                                                   122

<210> 423
<211> 138
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 423
ttcagcttcc tgagtagctg gggactatan gtgatacctg ctccctttca ccttctgtctg      60
tganngggaa gcttcctgaa gctcctcacc anaaacagat gctggcccca ngctttttgt      120
acagcttga ggaaccat                                                                 138

<210> 424
<211> 390
<212> DNA
<213> homo sapiens

<400> 424
ggacgggggc agagaaattc tagccagaaa agtgtggggtc actgacaaac cgccactctc      60
aagccaaaaa acctgaaacc acaggccaaa gtgagagctt atatacctgt tttcccactt      120
gaatgctgct ttttctctca ccacccctgg ccccgccctg cgccatcctg tgcctattaa      180

```


aacccccagac	tgggctagta	catggggacta	tggctgggacg	tgggagaaaa	gcagcttgac	240
ttcagaagga	cagcttaaca	gcgtaacttc	ggagaagaat	ctggctggag	atgacctgac	300
ttcaggggaa	ggtaatcttc	ctacccccctc	cgattttacag	ctcccccttc	cactgagagc	360
cacttttatt	taccataaaa	atcccccgca				390

<210> 425
 <211> 328
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 425						
aactgacgca	tggttgnaga	tgaaccangc	atggagacca	agctgcaaaa	ttccagaaat	60
gacctccagg	ttgttagtct	acaacccagc	catcgtcaag	ataacattag	actgcgttcc	120
aggtggacca	tgactcaaga	tagccaccag	accaaggcac	ggacacctag	caccagcac	180
cactcctgca	tgccctccac	tctaagtctc	cctttataaa	cacctctcca	cagtcgaaag	240
tttgaaatcg	tcttttaagg	gcatgagctt	ggccattccc	agatcttggc	atttgaataa	300
agtagctctc	tgttcatcac	aaaaaaaa				328

<210> 426
 <211> 137
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(137)
 <223> n = A,T,C or G

<400> 426						
cgagggggac	ctcctgacca	aggagctgct	ggncctgggn	ctgnccatgt	tcgaggagaa	60
gaaagagggt	cacttcagcg	ctntcccntc	cctgtctggt	ggnnntcang	cttaagnag	120
nnggccttta	accttta					137

<210> 427
 <211> 458
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 427						
gggcaagcgt	cccattcttc	tccctatgcc	aatttcaccg	tgcagtagag	gtcattaact	60
tgtgtaatat	ggaggaacca	agaacgctgc	ttcctcatta	cagcagaaga	gacagcagcc	120
cccagctggt	atgaaacagt	gctgagcttc	acaacaggaa	agtcttactc	cgttgcccag	180
gctggagtac	aatggtgcga	tctttgctca	ctgcaacatc	cacctcatgg	gctcaagcga	240
ttctcctgcc	tcagcctcct	gagtagctgg	gactacagat	gtaggcgaat	aacatgaaca	300
ttgcttcatc	tttgttccac	aagtttctga	gacagcacco	ggtaggnatg	ggtcttcctt	360
cccctgggct	ggggnccgna	aagcgaagca	tntttttctt	tgggcgcccc	tgccctcttc	420
agcacctggn	attgtagtat	aagcttcaat	gagtgtta			458

<210> 428
 <211> 423
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = A,T,C or G

<400> 428
 gaggaagagg cagagcaaga cggctcaata gaagcctcca ctaattgtcc tccccactgg 60
 aacaccaaatt tgaacaacta tccacacaaa gaagcacctt cgtaagaacc aaaaatcagg 120
 tgccagacag aaagtcattt ctctgtctca ctgagacaaa tgcagattca ttgagccaga 180
 ctaaggcata cgtgactatt cctctatggt ccccaacatg taaattgtgg attcagttaa 240
 aggctgattg aagagtcaga agaattgtaac tttttgtctc ttatctacct ggaaccacac 300
 cttatctacc tggaactgtc ccctccccgc ccccccaatc ctgacctgtt ttgagttgnc 360
 ctggcttttt tggaccaaatt caatgcncat nttacacata ttgatngatg tctcatatct 420
 ccc 423

<210> 429
 <211> 233
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(233)
 <223> n = A,T,C or G

<400> 429
 agccatccga gttaaaagag tgggtggataa gaaaagatta gcctttgctg gaggcataaa 60
 agaaggacag gcgtacctcg gggatatcac aggtgtggtt ccagacagca accaagttaa 120
 tatcacaata aagcnagtca caaagacatt ttggtttccc agtgcataata aaagctatgt 180
 ttatactata aagtngncaa taacattatg tctaaaaaaaa atcgaaaaaa aaa 233

<210> 430
 <211> 342
 <212> DNA
 <213> homo sapiens

<400> 430
 gatagcatca ttgactggac ttgcttcatt actatggctt tgcagaatgg atcaacctca 60
 ggtagcccta ttacaaaaga cccacacctt gatggatcag ctgtcactac acagagcgat 120
 aaactggctc atctggtctt gtggctccta cgcagggaact gactcagctc aagagaaaag 180
 cttcaactcc ctatgatttc atctttgacc cgaccaacca gagctcctga ctcacccacc 240
 cactacccac caaattatcc ttaagaactc tgatccctga atgctcggga aattcatttg 300
 agtaaaaata aaactccagt ctctgtgata gccaaaaaaa aa 342

<210> 431
 <211> 323
 <212> DNA
 <213> homo sapiens

<400> 431
 gagacgctga gtccacgtgc tctaggattc cttttgtgac ctcaacgacc tgaaacctcc 60
 tgactctggc tagagatgga ggccctacca tgttgaccag actggctctg aactcctaga 120
 ctcaagtgat cctgctgcct tggccttcca aagtgtctga attacaggtg tgagccactg 180
 cacctggccc acttcaatct tttgattggt tcctttgggt tgcaaaagct ttttggtttg 240
 ataaaattcc atttgtctat ttttgctttt gttgcctgtg cttttgaggt cttattaaaa 300
 aaaatccttg ccagaaaaaa aaa 323

<210> 432
 <211> 342
 <212> DNA
 <213> homo sapiens

<400> 432

gatagcatca	ttgactggac	ttgcttcatt	actatggctt	tgcagaatgg	atcaacctca	60
ggtagcccta	ttacaaaaga	ccccacactt	gatggatcag	ctgtcactac	acagagcgat	120
aaactggctc	atctggtctt	gtggtcctca	cgaggaact	gactcagctc	aagagaaaag	180
cttcaactcc	ctatgatttc	atctttgacc	cgaccaacca	gagctcctga	ctcaccacc	240
cactaccac	caaattatcc	ttaagaactc	tgatccctga	atgctcggga	aatgcatttg	300
agtaaaaata	aaactccagt	ctcctgtaca	gccaaaaaaa	aa		342

<210> 433

<211> 577

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(577)

<223> n = A,T,C or G

<400> 433

gtttaggcta	tgactcagca	caaggaatcg	gttccttccct	gccttcacca	ggaggctcat	60
gaattcaccg	tcatgcagag	attttaaaga	caacaccact	tctgctggat	caaaaccggg	120
attttaagt	agcccgagc	agacccttgg	gattttctgg	aacagcgatc	ctagtctgct	180
cggcagcggg	agtcagctcc	atccttctgc	aagcggactc	ccgtcagaga	ccatcgccct	240
ctgctgcatg	ctgtgccctg	cgccgccctg	accaccactc	atggaaagag	atgatgaact	300
tattaaagcc	aacaaccgaa	tcctgtatgt	cagacagtaa	ttctagtgtc	cacagaaccc	360
agtctagcag	ttgaagtccc	agaatggaag	gaatctgtca	acaacatttt	tggtcatcaa	420
gtcttacaaa	atgtgtgaga	agcagaaaga	atgttttcaa	aggtactata	atctataccg	480
cttgaagaa	tgctatggng	gatcnttcc	actcttcttt	anaactattt	cntntntca	540
cagctgcaag	gagcctngtg	anttcatggg	tgaagtc			577

<210> 434

<211> 164

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(164)

<223> n = A,T,C or G

<400> 434

tggtggtgat	acacacctag	taaacccaaa	tactnccgag	gcngccgtgg	gaganengnan	60
ccctnnagg	ggagattgct	nanagggggg	ggggcctcct	gtgctccagc	ctgggcaaca	120
aagcaatact	atgttttaaa	taaataaata	agtgtctgaga	tctt		164

<210> 435

<211> 265

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 435

caccattgtg	atttgttnct	gccccacctt	anctgagnga	tnaaccttgg	gaaattcctt	60
cttctggtc	agaacctccc	ccactgagca	ccttgtgacc	cccaccccaa	cctgccagag	120
aacaacaccc	tttgactgta	attttgcttt	acctacccaa	atcctataaa	acggccccac	180
ccctatttcc	ctttgctgac	tctcttttcc	gactcagccc	gcctgcaccc	aggtgattaa	240
aaagctttat	tggttacaaa	aaaaa				265

<210> 436

<211> 248

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 436
tgccccacta agataataacc agtacctaca gcatgttcac ctaancactg gtcaagtgga 60
tattactcaa ccagaatgca aacattttcta ttgggttttag taagacctga aagaggctgg 120
gcgcggtggc taacgcctgt aatcccagca gtttgggagg ctgaggcggg cggatcatga 180
ggtcagatga tcaagaccat cctgggctaac atgtgaaacc ccctctctac taaaaataca 240
ataaaaaa 248

<210> 437
<211> 444
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 437
ggcagcattc caagaggtgg aagggagagt ctgcaagact tctgaggctg gctccagacc 60
tcactcagta tccccactgc tccattttcag tcagaatgag aaaattgaag atcaagggtca 120
ctcaacataa tcaattttaag tgacaaagct tgcacccagg tcttcagatt ccaaactcag 180
tctgtcttct actacacttc tgcagcctcc ctaatactga ataaaagcat ctcagaactt 240
aaagccgatac gggccacgga atcagcccgt ctctctgctg tgcgggctgca gctgtcttct 300
gtgaccaaag gtggtgcacc cattctnnaa aatttttttg cagttttana aaaattcagt 360
aaagaatgaa ttccctaataa gtccatggag gacgcttaat taatgaaagn gctttaataa 420
aaaagttatt tccccaaaaa aaaa 444

<210> 438
<211> 161
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 438
tcttatacca caccaagctg gacotgngac ttgaggagag ggncttcaac ctcttgccnn 60
gacncacnct cgattatctg aagcnnttct gtgtatccaa cattaatcaa gaaggttgaa 120
gtttcancct tttagcaaat atccgggctg tgatcaatga a 161

<210> 439
<211> 598
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(598)
<223> n = A,T,C or G

<400> 439
atctatgccc cttgatatga ctttgcagtt ctttctacta agaagatgaa tccattttctc 60
caccgctga gtctgggctg gtcttgtgat gtgcgttagt caatagaagt ggctgaagtg 120

atggcgcgcc	agtttttagc	ctacacttca	agaagcctat	ggacttccac	ttgctgtcct	180
gaaaccctgt	ttgaaaaagg	ttccctgagg	acaaggccag	actagcctgc	tggaggatga	240
gaaagctaaa	gcttggtgag	attacggaag	cctacagtta	cacagctgac	tccctccaga	300
ggccccatcc	acacccactg	ttggactcct	gctactctcg	gaggcttgga	gttggtttct	360
cctcccccaa	atcgggtctca	acacttaccc	ttacttctcg	ctcttcgtgg	tctcaacctc	420
actgttcttc	gtggactcat	tttttctctt	ccctttgggt	tatttttggc	tctttctttc	480
ttttttggct	tcagtggagc	ctaaccctta	agggttttcc	ttctctaacc	ccttggtccc	540
cttnccattct	ctttncagcc	ctctggaagc	tgcaacacag	nggttacag	taaaccag	598

<210> 440
 <211> 319
 <212> DNA
 <213> homo sapiens

<400> 440						
aggatgaagg	ctatgaagat	gagggagcca	aggaggagaa	ttcccagaac	gatggagggg	60
atgaggagca	ttagctcccc	agattccttg	ttctctatct	tcactgtcac	agaagattct	120
ggaaacaaga	attccaattc	aggaagaaag	aggaatgggc	actcaccctt	cttcttgccct	180
ttccattctc	tgtaaagctg	acctgcttcc	ctttttatgt	tatcttcctc	cttgcttccct	240
ttttccaatt	ttctcattgc	ttttaagtgt	gtggtgtata	ttaggcgctc	aataaatgca	300
tattgaatgc	aaaaaaaaaa					319

<210> 441
 <211> 290
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 441						
tcacaaggaa	catgatagt	gagggcctgc	cagntcnnct	ctacaggana	cnctctgttt	60
atncttccnc	actnnccacn	tgnttgcctc	ntcttgcatt	naaatnnatt	gagaccctga	120
tanggatata	agacgaagcc	atttgctata	tctcttncaa	taataacttg	gccccagtat	180
tgggttcgga	atntggagtt	tgntgntgaa	tgggaaagcg	ggatgangtt	gcntgtatcc	240
aggcttttgg	tgctgctgtc	ctaagaaggg	tcaggcctgg	tcagcatatg		290

<210> 442
 <211> 328
 <212> DNA
 <213> homo sapiens

<400> 442						
gtgtctgggg	tctgtcagga	tcaacggggc	ttgagagaga	ctgaccacga	ggactactaa	60
aagggaaccc	tgcccaggcc	agcctattct	accatcctcg	ttctcctgca	aaaccaaggc	120
cacgtcattt	cagcagagga	cccgcgtgtg	gaaggaccct	gcagctggcc	catcacagga	180
gaggcccaga	ctcacctccc	aagggggccc	tggcacatga	agatgctggg	tctcctggga	240
gtgctgccct	ggcccacagg	atagaagcgc	aggatggtca	cccatgtctg	ctcttattga	300
atgtgtctta	gaagcggcaa	aaaaaaag				328

<210> 443
 <211> 153
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 443

ttctctggag	ggggtnantt	atattttgnt	ttcccttttg	agcatngttc	agcctggtta	60
agtccaagct	gaattggcca	attcttttgc	gtttttaccc	tggaagaaa	tacctnatta	120
nagccaccct	cttgtttatt	ttacccccca	att			153

<210> 444
 <211> 222
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 444						60
gagccttcag	tctcttgctt	cggcacctgg	gtttcttttc	gcccacgcct	tccttggcct	120
catcatcctg	gaagagatac	ctagctgctg	gctctgtcta	gaatactgca	tctnccacga	180
ctgcttgga	gctgagactc	cttcctgtcc	atcaggtctc	agcttanagg	gaaccacctc	222
acagagaact	tcccgttaag	ccnttttatt	taaaaggacc	ct		

<210> 445
 <211> 362
 <212> DNA
 <213> homo sapiens

<400> 445						60
atgggagttt	tgctctttgt	tgctcaggct	gggagtgcag	tgacaggctc	gcagctcact	120
gtattcttct	gtgtccagaa	cacaaattct	gcttctatac	ctcgttaaga	ccctgcactt	180
gatggatcag	ctggcaccac	ccggattaat	aaactggctc	atctgatcat	gtggccccc	240
accaggaac	tgactcagca	caagacagct	tcaactccct	gtgatttcat	ctctgtcaaa	300
tcagcactgc	tggtcactg	gcttccccca	cccaccaagt	tatccttaaa	aactctgctc	360
tggaatgcc	agggagactg	atttgagtaa	caataaaaact	cccctctccc	tcacaaaaaa	362
aa						

<210> 446
 <211> 477
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(477)
 <223> n = A,T,C or G

<400> 446						60
cgggggctag	ccctgcctgg	agtttccacg	aacttttaaag	aaatccaagg	ctccccctcc	120
tgagggggcc	ccaaaagctg	ngggcaaagg	gttaatgggc	tccaaagggc	ancttccagg	180
gttgggaggg	natataanga	acccgtcaag	attcaagccc	ggacaccana	aagacaaagc	240
aagaagaaga	cttcctccaa	gaccactca	agaaccacgt	gcaccgcccc	tccaaagaat	300
ggtatccccg	ttaaaggctt	gtggcttgct	ctngctgggt	gggtgcattg	caagcttgcc	360
attgcttgcc	cctcccaaga	acgggaaagc	ctttcgctcc	catctttcac	cctatgggcc	420
gaaactccaa	ganggaatgc	aagggaaaaa	agggaaaccg	ggaataaagg	ggccaaaaaa	477
gaaaatcccc	ttgagtgnat	tgggcaaaaa	aggtcttggg	ggaaggaaaa	ggttctt	

<210> 447
 <211> 178
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 447
 gggaagtgct cctgggtacgc attacctttg tcctacatag aatccccgca ttgcatgtta 60
 aagtgaagct gcaatcattt atcgaaggct actgtaagaa acatcctcat gaaaattaca 120
 tatgcaactg ttataaagca tctattaaag ntattgtcca ccttcctaaa aaaaaaaaa 178

<210> 448
 <211> 629
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 448
 gaggtctagg tgattctgcc acagcctcag cctccaccgc tctgcgaact gctgggttttg 60
 gaagattcat agctaagact ccagggcacc cctgaagcca agaaatgggtg tcactatctc 120
 caagccagac ctgatcacct gtctgtagca agagaaagag ccctgcaatg tgaagagaca 180
 tgagacagta gccaaatacc cagccaagga ccaagatggc tgactcgaag cagctgcggt 240
 tcgaggctcc cactgagatg aacgaaaacg gtgaatgaat cctacactgg caactaaggt 300
 actacaatct ggttttgaag ttgcccaaag aaacttgaat ggcttcctct ttcatccca 360
 caaggctctg aaaacactgc tgctgatccg ctgtcttcac tcctatctca ccctggcata 420
 actgcactct acttcaactc tatctggaag gagcagagct canggggttct gacccacag 480
 aatgggctcc aggcactaag agctgaacaa cacagaacac ctgttccatg tcgagttggt 540
 tatcatttta tacttttcta aaaacctcaa ggaagatctt caacataagc cctggcataa 600
 gacattttct atgtattcaa aataaagaa 629

<210> 449
 <211> 144
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 449
 acaaataggg ccttgagtgt taataannaa cactanaata cttgntgaat aaataatcta 60
 tcccnnaaag atgtnntact attnacanga tgancaatga ccnagaattg ggnccctttna 120
 aaaagaatcc ctcctttgga agca 144

<210> 450
 <211> 322
 <212> DNA
 <213> homo sapiens

<400> 450
 gggcatcagc ctgaatggca gggtcacagga tcctcattcc agaggtgccc gcccataatc 60
 cagaggaaag aaacatcttt aactctgaag acacagggat acagaagaat ctgaacaaac 120
 agccttgcta aattctcccc agtttattcc cattagatca caccacttt atccaattat 180
 atttctccat gactgtccag tcttcctcaa acttaagcat aaaaatatac aaagtttacc 240
 tatttcttta ggtcttcaat ttctcataaa gtctcctgtg tcatgtaaaa cttatattaa 300
 atagatttgt atgcaaaaaa aa 322

<210> 451
 <211> 170
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature

```

<222> (1)...(170)
<223> n = A,T,C or G

<400> 451
cccactctcc cgcactanga tggctgcctg ccagaagagg tgacaggctg tgaacacagct      60
tatttggcgc tancacgtgg nacacnactt ggctnggctt aancnaaana ctgganaact      120
gcaggntgcc anatcatagg gcttcnntta tgaaagaaaa ctacaaaaat      170

<210> 452
<211> 580
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(580)
<223> n = A,T,C or G

<400> 452
gtccacactg ccgttatgag ctgtgcgact cacgtgcgcg aaagtctgca gcttcattcc      60
tgaagccagc gagaccacga acccaccgtg aagaacaagc aactccagac gcgtggcatc      120
aagagctgga acactcaccg cgaaggctctg ccgcttcact cctgagccag cgagaccacg      180
aaccaccagc aaggaagaaa ctccgaacat atcagagcga acaaattcca gacacgccgc      240
ctttaagaac tgtaacactc actgcaaggg tccgcggctt cattcttgaa gtcagtgaga      300
ccaagaacct gcgaattctg gacacaatcc caactacttg ggaggctgag gcagaagaat      360
cgcttgaacc caggagcggg agattgcagt gagccgagat tgtgccactg caccccaanc      420
tnggcacaaa acaggactcc atctcaaaaa ataataataa tatgttttgg gagggtgagg      480
cttgtggata tcttgagccc angagttcaa gaccagtttg ggcaacatca tgtctctaca      540
aaaaatatga aaattaggcg tgggtggcatg taaaaaaaaa      580

<210> 453
<211> 368
<212> DNA
<213> homo sapiens

<400> 453
gctcgcagga aggaggtatt tatccaggaa cggtatggga gatttaattct aaatgacccg      60
ttcctggcac tccagagaga ctatgaagca ggtgctggtg acaaagagaa gaagccagtt      120
tgtaccaacc ccctctccat ccttgaagca gtcattggcc actgcaagaa aatgcaagaa      180
aggatgtccg cacagctggc tgctgctgag agcagacaaa agaaggtatt gaggcgttca      240
aatggtcatt tgccccacaa catggtgtcc aatgaggaga tcacctcaa agttgtttgt      300
tcttcagtat tatattttca gacaggattg caataagtac ttagaagtgc aagaggctga      360
cagattct      368

<210> 454
<211> 428
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 454
caaccatacg ggacanttgc gcttgtnatn agttaacggg ngaagtccac aaaacagatt      60
tccacatcgg gcagtcaaac ctatacagca agaaagcagc atctgcaaga aagccctcac      120
caggaccaaa tcagctgaca cctcaanctt ggactaccga gcttcccgaa ctgtgaggta      180
tagattttta ttgtttaagt caccaaggct acgggtgttt taatagcagc ccaagccag      240
gaatacatca tctgactcac tattttgaat caaactcttc agtttctcca tcaacttagc      300
tggcagctcc tgtccccagc agcatcagag gccccatgaa aagagctcca gcaggggctc      360
aacctgcatg ggtcccatgc ngcaacctta atgncaaaac ctggatnggc aggggaagctt      420
tcagtgc      428

```



```
<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G
```

<400> 455							
ataaaaaaatc	tttcaaaact	attaccccaa	tatctggaaa	tatacattat	agtggaaaaa		60
gctttgtatg	atttatatggg	atctgaaatg	atggctgtaa	cacaaaaaat	tgtccaggtt		120
attgggcttg	tcaacactat	gtttaccag	ttcaaattga	ctgtttatact	gtcttccttg		180
gaattgtggt	caaattgaaa	ccagatttcc	accagtgggg	atgctgatga	tatattacaa		240
agattttttg	catggaaacg	ggactatctc	atcctacggc	cccattgacat	agcatactta		300
cttgttttaca	ggaaacatcc	taaatatgtg	ggagcaacat	ttcctggcac	ccgtatgcaa		360
taaaagctat	gctgcaggta	ttgctatgta	tccagatgca	ataggttttg	aggggattttc		420
ngttattata	gatcaactgc	tttggncctt	aatggtagga	ttnacatntt	gatgacctcc		480
ctcagngggg	tttngtctgg	aacttccttg	cct				513

```
<210> 456
<211> 408
<212> DNA
<213> homo sapiens
```

<400> 456						
ggcaaaagct	gatagaactg	tgcaaggaga	aaccgatgaa	tcaatggaag	tcttcaaggg	60
cacgcaatca	gaaatgaaca	gatccagcag	gcagagaatc	agtcaaaaaca	tagttgctga	120
ctgacagAAC	tcaagagcac	catcaatcaa	ttggacataa	tgagcacctg	aagaccactt	180
cactgaacaa	cggcagaaca	catattcctc	tgaagctcac	acggaacatt	caccaagaca	240
gaccaaattc	tgggccataa	aacatacctt	aataaaatca	aaaaccagg	gattatacac	300
tgcatgcttt	tagatgcaca	tggaattaaa	gtagaatca	gtaacaaaaa	gatagttggg	360
aqatccccaa	atatattgaa	attaaattct	ctggcactta	aaaaaaaa		408

```
<210> 457
<211> 403
<212> DNA
<213> homo sapiens
```

<400>	457						
ctctcgtgcc	cttctgccct	ccaccgtggg	atgatatagc	aagaagaccc	ccaccagatg		60
caacccttg	aacctggact	tcccagcctc	cagaactatg	agaaatgaat	ttcttttctt		120
tataaattac	tcagtctcag	gtattctgtt	gtagtagcac	aaaactaaga	cactgcccag		180
tataccagct	acatgtgact	atcaagcccc	tgaaatatg	atagcttgaa	ttgaaatgtg		240
cttagccttg	catggtggct	tacatctgga	gtgccagctc	cttggtgaggc	tgaagcgcga		300
gggtcccttg	agcctaggag	ctcagagactg	cagtgaacta	tgaccacatc	actgcactcc		360
agcctgggca	acagaatgag	accctgtctc	ttaaaaaata	aaa			403

```
<210> 458
<211> 146
<212> DNA
<213> homo sapiens
```

```
<220>  
<221> misc_feature  
<222> (1)...(146)  
<223> n = A,T,C or G
```

```
<400> 458
gccaagacca catggtttat tatgggaatc ctgaatccaa cccacggatt tccttctttt    60
ngggnnnccc cttttttttt tttggggggg gccccctttt tttttttttt taaacccccg    120
qggggncctt ttttgggggg aaaccc                      146
```

<400> 459						
ggatggtggt	ggatgggagg	atgaaatcat	ttttagaaga	atgtgtcacg	tctcaggaag	60
agccagtaga	tactgtggga	ccatcagcaa	atggacacat	gagaaatgaa	ggagctggac	120
atgccaaagt	cagaattggt	ggaaacaatc	caaccacagg	gctatgccac	ccccctaaaa	180
gagaaatggt	cagtagtaca	aatgtcaatt	ccaaaatgaa	agtagctggt	gcttcgcagc	240
ggcttgaag	taggttttcc	tgagcacctt	ccagtcacct	caaataaaca	aggaatgtgt	300
qtaaaaaaaa	a					311

```
<210> 460
<211> 472
<212> DNA
<213> homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G
```

<400>	460						
gtgctccaca	aggactgact	ccaccccg	g	cactgtgtcg	gcactggaaa	catgaaaccc	60
gagctgggag	ccagacagg	gttcttcctg	agagcctgg	aagcgcgctg	ccctcgtgga		120
atttacggtc	taaggagtga	tgcacgtgag	gcactttgaa	agatgtgaag	gactgtgtgt		180
aaaacatgtg	ccaatttctc	gcttcgcaga	aggaatttcc	actgctttct	cagttaagt		240
tcaagaacct	ccaaaagaga	tggttcaaga	gagctatatt	attgaatcag	attatgttct		300
ttacacattt	ttacatagct	cacaaaacca	tatgaatggt	tctgttttga	atattctctt		360
cctaattgtt	ttagcatcctg	tggggagg	cttggaattct	gattctgtgt	ttaaatccta		420
caaqaqqcc	cqqqtgcgta	actcacacct	ataatncctg	cccttttgga	ag		472

```
<210> 461
<211> 298
<212> DNA
<213> homo sapiens
```

<400>	461						
gtcgcaggct	ggaaggttg	aatatgccct	agatgctgga	gcagcgagg	gcgaacgcg		60
cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta		120
ccacgccttg	ctaataattg	tatttttttc	agagacgagg	cttcaccatt	ttaccaggc		180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gctcccaaaa	gtgctgggat		240
tacagggatg	agccactaca	gccagtgcaat	aaaattactt	ttaaaagcca	aaaaaaaaa		298

```
<210> 462
<211> 400
<212> DNA
<213> homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G
```

<400>	462						
gagctcctgc	ttagctgtaa	ctcccanggt	ggagtgcata	ggnatantca	tggctcactg		60
nagacttgaa	ctcctggncg	cangcaatcc	tcttntctna	atctnccnaa	gtgctggaat		120
nacagangng	caccantgcg	ccngnttatt	tctggattaa	gctttnnnag	annaganngn		180
tngnctatgc	tgctgagtg	nnntggggat	gggactgggtg	ccatggcnna	ttcccgggtg		240
ccactcttgg	ctctactccc	aaagctgatt	atgaatagta	tcatgggtct	cctgggtctg		300
ttccagctgc	cctaancctc	caagnctact	ncntatttct	catctagacc	tggctgggaa		360
aacaaaagnag	tnaccaataa	atatcaagtg	aataaaaaaa				400

<210> 463
 <211> 469
 <212> DNA
 <213> homo sapiens

```
<400> 463
tcctgatcct ggaagatgct cacctgagga aagtctgcat cagccaagac acacatggct      60
gctgctgctg aagtggaaaa tactgcagtg tcatcaatca atgccttcca catgctcttg      120
gcagaagggc aattagtgtt actcaggatg aaaatgaata taaggctgtg gatgaatggg      180
ttattgaaga gactatcgaa tcagcctggc tgtagaagc ggccagaggc agtggggaag      240
gctccttgct tgtgctgggc aacagctagt gtagagcagc cttctgtctc aggcttgaa      300
ggggtcattc aagtgcaga aagattagtc atttttacca gattaagtca tttttaccac      360
ttcctccctt ctgggttatc ctctcaacag actcagcaag taggggccat ctactcacag      420
ggctgtggcc atattttctt ttataaaagc cagaaaatgg aaaaaaaaaa      469
```

<210> 464
 <211> 208
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(208)
 <223> n = A,T,C or G

```
<400> 464
tgctgctcac actatgaccc agcgctnaat tcatgccaaa tgcccttcca gggcagccct      60
tggactttnt gentcttgtc anngetgttn atntnggnaa tccntacac ngcacgcca      120
ggnacacatt tattaactnn cttanaaacg ttantccttt tccttttgat tngctggtct      180
ntttgttgaa atatccctgg ggagcaca      208
```

<210> 465
 <211> 136
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(136)
 <223> n = A,T,C or G

```
<400> 465
cttgtctcac gtgctanacan nataccacca ccactctgct ntattnttgg gggaaaacnt      60
ctnactntat ggcagccatc catgagantt tcaaaggctc natccatatg agtganacta      120
ctttaaagga ttcagt      136
```

<210> 466
 <211> 124
 <212> DNA
 <213> homo sapiens

```
<400> 466
ggccatggcc cacagagaga agatggccat ctgtaagcca ggaagaaaac tcccaccgga      60
acctgaccat gctggctgca gaattgtgag aaaatacatt tcttttggtt aagccaaaaa      120
aaaa      124
```

<210> 467
 <211> 426
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature

<222> (1)...(426)
 <223> n = A,T,C or G

<400> 467
 catgggggatt acaactcaag actgattttg atgggggacac agagccgaac catatcactg 60
 gatcaactgg agtctgcttt cattgtgtgc ttttcctctt ggatttatga atatgtatgc 120
 tcttccggca tagccctcta ggaattccag ctgagagcct gccagtagcc taccagggct 180
 cctccccttc cagatgctga cctctcatct ttgtcacttc cacatcacag actgtcaata 240
 actcctatat gctttggaga agatgtctac taactacttg gcctccagcc tccacataac 300
 tcgagaattt gacaagnggc ttggaagaaa aactggagga ngggncaaagg atcagcttcc 360
 ctgctcagta gatccttacc cctcaagtct ttccactact acaagacacc aaaagctttc 420
 ctggtt 426

<210> 468
 <211> 500
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(500)
 <223> n = A,T,C or G

<400> 468
 gtcagccaaa gaggagcaaa gagtcatcca cctcaatcat gttcaggaaa tgatcaggtc 60
 aagatgtgga gtgagccagc ttttctcttt cgtgccacat tttctgacct agcatttcaa 120
 gctacccaag gtgcgaaaaa ggaagaaggc caaagggaag aaggtgggtgc tgacccttgc 180
 ggtcttgaaa aagcaggaga ccatgaaagt ggtgaatctt ccatttgaga aatttggcac 240
 tggacaggac attttggcat tggacagaac atccagccca aaagggacct cacttgcttt 300
 gtcaaattggn cccatttact aggtgcagca gcaaaaaanc cntcctctat aagcagcnta 360
 naatgncctt ctgggattag caagttcacc aagggccttg gaccccaaaa acttgggttna 420
 tngggnaagc tggctggggag tcccgancnn aaacaaacca ganaancccc naaactgttg 480
 gcctggctgg aaaaaagcca 500

<210> 469
 <211> 499
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(499)
 <223> n = A,T,C or G

<400> 469
 gtcttgtcaa cggaagggg tccctatcca gaccccaaga gagcattctt ggatctcttg 60
 caagaaaagaa tttgaggcga atccatagag taagcttagt gatgtgtgtc agacctctga 120
 gcccaagcaa agccatcata tcccctgtga cctgcatgta tacatccaga tggcctgaag 180
 caagtgaaga atcataaaaag aagtgaaaag ggccggttcc tgcccttaact gatgacattc 240
 caccattgtg atttgttcct gccccacctt aactgagcga ttaacctgtg aacttccttc 300
 tcctggctca gaaagcttcc cactgagcac cttgtgacct ccgccctgcc tgccatagaa 360
 caacccccctt tgattgnaat tttcctttac ctacccaaat cctataaaaac ggccccaccc 420
 ctatctccct tcgctgacac tcttcttttg actcagcctg gctgccctag gtgaataaaa 480
 agctttattg ctcaaaagt 499

<210> 470
 <211> 260
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(260)

<223> n = A,T,C or G

<400> 470

accatccgga	aacatgtggc	cctacatcaa	ggantttcat	ggcgaagggg	gaacccctcc	60
gggtgggagga	gtctgcttgc	tttggtgggg	cttaagggtg	gccccatcaa	ccctggaagg	120
gaaaggggct	ngggaaccca	ttgaacatgg	gagaaataat	cccttnggat	gcctggcant	180
tccataagga	agaaatttgg	aaataaattt	tctatcaaat	aatgtatttt	atcaattaaa	240
antttttttt	taaagtttta					260

<210> 471

<211> 226

<212> DNA

<213> homo sapiens

<400> 471

tgagatgggg	ttttgctatg	ctgcccaggg	tggtcttgaa	ctcctggcct	caagtgatcc	60
tcctgcctca	gcctcccaaa	gtgttgggat	tactggcagg	agccacagca	ctggcctgga	120
tcttcatcat	tctaatagat	caaaaactgt	actcgaagag	tgcttcagaa	aagactgcag	180
gaaatcagaa	aacataactca	tggtatgctag	aacacatcaa	aaaaaa		226

<210> 472

<211> 333

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(333)

<223> n = A,T,C or G

<400> 472

aacttggagc	aaaagattgn	ggtgcattnc	gcgcctnctt	tgnaaagnct	tgctctgtac	60
gccaagggat	gtagcgcagg	cggcancaat	acttgggtgc	aacctaaacc	tccaaggac	120
ctgggattac	aaacataatc	tgcccacccc	nagccctcat	acctttntta	aaagagccac	180
ctgatntgca	caaaagnctg	cngttnntgc	actaaaggct	ttggaatttn	ccctttaccc	240
taggaangca	cattctttac	cccatgccat	actttaagaa	ccccaganct	gactctgttt	300
gcncaaanag	cacactgggt	tgggggggta	aaa			333

<210> 473

<211> 485

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(485)

<223> n = A,T,C or G

<400> 473

ggaggaacaa	actcttcttg	gggagagtgn	ccctggnggg	tgagccttgc	nagngaagct	60
gacagctcag	aggcaccctg	tgnggagggg	tcactcnata	ggacaccagn	gggggtcctc	120
acttgctgcc	ccacttgctt	tgatgggcct	ttcccctgca	ggatggtttt	ggccgcaatc	180
tatagggtggg	cnttttttaa	tcngtcaaga	ccattacaaa	agnatcccc	cttttctntca	240
caaaggggaaa	agaagattnt	tattncaccc	aaaacctata	aaagtctntca	agaaaggggaa	300
atccatngat	ntnccgccc	tgataaaaa	tnccagggcn	tcctttttga	aattttaccac	360
ctgganttcc	ccaaaaaaac	ccaaatatgg	nccctaccct	ttcccaaaaag	ggggaacacc	420
aaggcaccaa	ttttanttac	ccancctggg	gtnggggtaa	anccgggaan	ggggggcctt	480
ctccg						485

<210> 474

<211> 229

<212> DNA

<213> homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

<400> 474
catctacaca gcctgtaggt tttgtcattt tngacagtgc nctcaagaag cnanagcgct      60
agcaaagaat gctttgaatg gcattncgntt cnatcctgaa attctgcacg cactanggaa      120
anaagagnac tncgtaactg tcngcacact aactgactga gcgnaaaaana agcngntncc      180
ntgggaaggg ananctnaca aaaacccacg aactgacttc catcattgg      229

<210> 475
<211> 157
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 475
gggggggggg tgtctncccc nctaaatnaa atgaggaaga ngcanagaga agaanggagg      60
aagaccnacc cncctgnta gancaantaa aaagagtaaa agaaattnga agctattgaa      120
acgtgnttct tttgttcacc acgacattca tatcaat      157

<210> 476
<211> 414
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

<400> 476
tgattcccaa gagggctcgg gttattcaca tnnccccncc ntctcagacg ttgnnggaaa      60
caggatnacc ntntoctga nggaggcacc gattccttcc ctcttcctaa aacatcttgg      120
gttgctcttt gaagctcttg atcaangcag ttgaaaatca aaagaggtct ctctggggna      180
atgntntatg aaccctaccc ccaaactctgt cgcaaaacac cagntggngg gctgggnanc      240
caggcataag ggnttggtca antcttaaag ggttgtnngg aaaccnngg ggcctttttt      300
nnggattttt aggnagacac cttnngggaaa cccccctttg acaaaagggg gggttctcca      360
agganttggg aagaggaaaa gaaaatttgg nccccctgct ttggaaaaga aaaa      414

<210> 477
<211> 491
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(491)
<223> n = A,T,C or G

<400> 477
agacgggggt tcaccatggt agccaggacg gtcttgatct cctgacctcg tgatccgccc      60
gcctcgccct ctcaaagtgc tgggattaca ggcgtgagcc accgcgcctg gcctcaagtg      120
gaatgttcta gaaggcatat gatgtgatct tgcaacagat tgaatgcaga aacagagatg      180
agcgtccagc catcttccat taagccagat tttaagagac tttcaaaaat gtcccagccc      240
ctgaagcaac cagggccacc gtgtggaaac cccctcacca ggaaccgatg caaatgccct      300
cggnttatgt acaagaggaa cccagcaagt tacaggggag actgnggtga tcccagcagt      360
catacaaaaa gtgatctttg acagaagcaa gccacctggt tngaggccac tcaatacatt      420

```

ttatcaagcg tcgcttgctc ttccttttagc ataaagaagn gaagtagggg ggacacgttc 480
accgatagag a 491

<210> 478
<211> 191
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(191)
<223> n = A,T,C or G

<400> 478
atttccgcaa actctactta ctagngggtg cnggaggcaa acaccnaaga tggccaacta 60
acanactcgt tagggactcc aaactcnngc nctcttttgc ntaannctgt acnttanttg 120
attgccagan agccatanna gctcacagng cctgngcttt accccagcnt ccctgaagtg 180
cgggcccgtg c 191

<210> 479
<211> 357
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 479
gagatgattt ccttcacacc tnccttnagag aaacgggtgc tggctaaaaa tgtcccccg 60
ncangtgtn gtn gactngc aaccncaat cattaattat gtctgnactg gcacttacia 120
ncactnttnc nccctgagca actntnaca ggcaangaaa atnctgcca nttcttntgc 180
cccgagggca ctacaccatt nggcangag atcattgacc tcgngttgga ccgntnncnc 240
aagctggctg accaatgcac tgggcttcn ggcttttttg gttttccaca atttttnggg 300
gggngaaact gggtctnggg ttcacccanc ccgcccagg gaaccgtccc tcaagtt 357

<210> 480
<211> 285
<212> DNA
<213> homo sapiens

<400> 480
ctcaaatgtt gctttttcct aaactaccca tggccccacc ccacctcatc ctgtgcctat 60
aaagacccca gactcaatca gcagagagga gaagcagctg aatgttggag agaagggact 120
tgacttcaga gggacagctt gatggagtaa ccggagaaaa tccagccgga cttcagggga 180
agatcaccta cccctcctct gtcccccttt cagctcccc ctcttcccac tgagagccac 240
tttcatcggc aataaaatca ttcctgcatt taccatcaaa aaaaa 285

<210> 481
<211> 437
<212> DNA
<213> homo sapiens

<400> 481
atggagtctt aatctgtctc ccagactgga gcacagtggc accatctcag ctactgcaa 60
cctctgcctc ccgggttcaa gcaattctcc tgcctcagcc tctgactag ctgggattac 120
aggcgccctg cgtcatgcct agttaatttt tgtattttta gtagagatgg gggttcacca 180
tgttgccag gctgggtctg aactcctgac cttgtgatcc gctcaccttg gcctcccaaa 240
gtgctgggat tacaggcgtg agccactgtg cccggccgga tctgatggtt tttccccgtt 300
tgctcggcac ttctctttcc agtcaccatg tgaagaaaga catgtttgct tccccctccg 360
ccatgatttt aagtttccct aggcctattc cctagccgca ctgaactgtg agtcattaaa 420
cctcttttct ttataaa 437

<210> 482
 <211> 285
 <212> DNA
 <213> homo sapiens

<400> 482
 ctcaaagtgt gccttttctt aaactaccca tggccccacc ccacctcatc ctgtgcctat 60
 aaagacccca gactcaatca gcagagagga gaagcagctg aatggttgag agaagggact 120
 tgacttcaga gggacagctt gatggagtaa ccggagaaaa tccagccgga cttcagggga 180
 agatcaccta cccctcctct gtcccccttt cagctccccct ctcttcccac tgagagccac 240
 tttcatcggc aataaaatca ttcctgcatt taccatcaaa aaaaa 285

<210> 483
 <211> 298
 <212> DNA
 <213> homo sapiens

<400> 483
 gtcgcaggct ggaaggttgg aatatgcctt agatgctgga gcagcgagggt gcgaacgcgg 60
 cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta 120
 ccacgcctgg ctaatatattg tattttttgt agagacgagg cttcaccatg ttaccaggc 180
 tgatctcaaa ctcttgagct caagcaatcc tcccaccttg gcctcccaaa gtgctgggat 240
 tacagggatg agccactaca gccagtcaat aaaattactt ttaaaagcca aaaaaaa 298

<210> 484
 <211> 108
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(108)
 <223> n = A,T,C or G

<400> 484
 gacattccac ctttancctt ancattcatg aaacacnaaa nggntttttc tttttgntga 60
 tttanaaagc tgctatgaag ctgcacagtg cgnaagaggg cacccttg 108

<210> 485
 <211> 565
 <212> DNA
 <213> homo sapiens

<400> 485
 gtatcattat ccatgtggaa gactaggctg gaagagcttg tctccaactt tgaagaagtg 60
 aaaaaaccag atgtttgggg caattcagaa gtctgtggaa gttgaagggt ttaatcaatg 120
 gcactcaggt tacttccaag agaaactatt caggatttcc aagtaacgaa gaatcaagct 180
 agtttgtaat gtccctcaaag aaagaaacat tttcatttct acatgaccag cagctatcat 240
 aggggctggc acacagattt ctcatcctgg gagaaaccag ctgccagggtc ttgaggaaca 300
 ctcaagcagc actgtgggga gacccatgtg gtgaggaact ggagcctctg gataacactc 360
 agcagaaact gaggccttcc aacaacccca tgagtgatac tgaaagcaga tctcccagcc 420
 ccagtcaagc cttcggatga ctgcggccca gtaacagctt gaatgcaacc tccaagagac 480
 gttgagctag aagcagctag ccaatccact cttggattcc tgccctcaga aactgataat 540
 aataaatggt tgctgggtta agctg 565

<210> 486
 <211> 509
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(509)

<223> n = A,T,C or G

```
<400> 486
actaagggtat ctgaaaaaaa tatataaaaag atagaagaaa gtgacccaac gcagaacata      60
ttttctgaca ttattttccgt caagaattga ttggaagaaa aagcatgcct ggaggcagag      120
ggatggattc aatgattttct tgaagtcctt ggcaactggg gaaacgcgct taaaccctac      180
agcagaggag cgggctggcg gtggacaccc cggcctgtgc tccctacatc cacatctcct      240
gagtgcaggc ctcggcggca gagttgcgtt cagaaaacca gcaagcacat cccccaaccc      300
gaaatccgag ggaacgaaga aacttggacg atctcagcct tgtgcttgac aacctatccc      360
ccacctccct taagtgggtg gggaggggga tgagccgtgg gggaaattcc atgtgtggag      420
tccaaaggga tacagccctt nccggccaaa tgcaaattca tattcatgag agcgggataa      480
ataaagacaa atcttcgctg taaaaaaaaa                                509
```

<210> 487

<211> 566

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(566)

<223> n = A,T,C or G

```
<400> 487
ccctactgag cctggttggc ggaggggagt cttaaagccg ccgccatctg gagaaccagc      60
tttacaagga ccctcactca ctgctcttcg ggggccccaa agcctctggg gggccctcta      120
tgccaccac ttgctcctcg cccaggagtc atctcatgcc gccgcctccc ccagccctgg      180
tggaagaagc cagcgcggac ccctgcttct ctgccccaga aagtcttcgg agggatgacc      240
ctctgctgac aagctggggg aagttggcgt acagagaccc ccgctttgct gctcatccca      300
gggaaatccc ggccccactc ctgacctcag actcacttcc accctcaagt ggatcgagggt      360
gggggtagcc aggggcgctg tctccagtga caaggctctt gggaccctc atgggctcaa      420
gacccctcc ccagcagcag ctgtgtgatt catcaccacc cctctgacct nggccccccc      480
attaaagccg cccattcccg ncagcggcag ccggttgtgc gtcancacta cccagggtgg      540
attaaaggag aagacatcaa aaaaaa                                566
```

<210> 488

<211> 557

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(557)

<223> n = A,T,C or G

```
<400> 488
accagggaca ggaggactcc ttcgagagac cagtccccca tccttgcctt cactcgggtga      60
ggagatctac ctatgacctc aggtcctcag accaaccagc ccaaggaaca tctcaccaat      120
ttcagatcgg atcttctcag cttagcggct gaagactgac gctgcccgat tgattgcctg      180
ggaagcctcc tggaccatca cagacgcctt gggtaaactct tacagtggag gacaggaatg      240
tcaggccggc ctctgagccc aagcatgcat gtatacatcc agatggcctg aggcaactga      300
agaaccacaa aagaagtga aatggctagt tcttgccctta actgatgaca ttaccttggtg      360
acattccttc tccgggacaa gtgagtctcc ggagctcccc actgagcacc ttgtgacccc      420
cgccctnccg caagaaaana accccctttt actgggattt tcccnccctn cccaattcta      480
taaaannggg ccnctcctat atncctttgn gagncccttt ttngactctn cccanccggg      540
ccccgggagt aaaaaaa                                557
```

<210> 489

<211> 196

<212> DNA

<213> homo sapiens

<400> 489

gccctgataa	aagctgaagc	gtctaagagt	tgctgaaagg	agttcaagta	ttagtctcac	60
ctctggtggg	acagaggtgt	gagcactgga	acgaggggtgc	tcagaggaaa	tgctgtgtga	120
ggacacagca	agaaggcagc	catttacaag	ccaggcagag	agccttcacc	agaaaccccc	180
ccgtttttaa	aaaaaa					196

<210> 490
 <211> 458
 <212> DNA
 <213> homo sapiens

<400> 490						
gctgccagc	cacatgattt	accttggtcc	tagatcacct	ccaagttcac	caggccatac	60
agggcttga	ggaatgcagg	cagaatggcc	ttctgtggga	tccaagaaaa	ctctgaagca	120
gaaaagcctt	gagccagcaa	gagaggcagt	ctcactttgt	ttcccaggcc	ggtctcgatc	180
tcctgagctt	aagcaatcct	cctcctcagc	ctccgaaagt	gttgggatta	tagccgtgag	240
ccactgcac	cagcctgcac	ttaaaactatt	atatatatgt	tatgatattgt	tcatagaagt	300
ggagttgcta	gattaaaagg	tatgtgcatt	gaaaggggtt	tgattctagt	caccacatta	360
ttccttgtaa	aggcctcagt	ttacctctca	taggttgtat	atgaggacac	ctgtttctct	420
gtcttttgcc	aatactgagc	attttcatta	aatgaacc			458

<210> 491
 <211> 614
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

<400> 491						
gaggttctcc	tttgcccatt	attcttccctg	gccacatcta	aagtggatat	tggtctgcana	60
agaggaagga	aggaatggag	gaagaacttt	cattctttaa	agtttcagct	ganaaaaaagc	120
ccacatcact	tttgtgtaca	ttctgataca	gacaggaggc	aggagagtag	ggtccctggc	180
aagggtctcta	ccctcaagcc	tggacccacg	gccctaaatg	anaacaggca	ttcctgtttt	240
catgccgaaa	tattgccttt	tggcccacca	tgcccccta	tcctgtgtcc	atataaagcc	300
caaacccag	gctccatgag	cagaagagca	gcanagccac	atggcaggga	agaaaagaag	360
aggaacatct	gaacatcgag	aggagttcga	ctgggggaatg	gtcatagagg	agattggcca	420
caggatggcc	aaactccagg	ggaagatcat	cttcccgtc	cgctactttc	cagctcacca	480
tccatcttgc	tgagagccac	ctccatcact	caattcaatt	cctgcattca	ccatccttca	540
agtctgngng	acctgattct	tnctggatgc	tgggcaagga	cccagggtacc	aaganggcgg	600
ggtataaaaa	gctg					614

<210> 492
 <211> 559
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 492						
ttattgatga	tgtcttcaan	aaagaaaagg	acaaaatgct	tgcangaaaa	ttccactgga	60
ttttatatct	cttttgctct	gatttcccgg	agacatgngc	tttgggggaag	gactacacat	120
gggcctacaa	gacacttctg	ggatgttggg	tctctttgtc	attttcaaca	agtctgcagg	180
ngactttatg	ttttcatggn	ttatttcatt	ttacacnacc	aaaatgtgtt	gccctattga	240
aaagcccagt	taccacttgn	nggaaatgaa	atggggcatt	cttggacca	ncacaatctt	300
ttttnacccc	cccngggagg	nngaaaggnc	cnnngctng	gnngggggaa	aatcaagnca	360
agnccccccc	caaaaaatct	tcattcgggt	ncttnttngg	ganggaaggg	gccccccctt	420
gctttggggg	aaaaaaaaact	ttctttcccn	nnangggcaa	nnncangccc	cccccttnt	480
ntttnaaaac	cnacccccnc	aaaaanggag	ncncncnntt	tccccntcct	tttggaaagg	540

<210> 493
 <211> 702
 <212> DNA
 <213> homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(702)
 <223> n = A,T,C or G

<400> 493
 atgatgcgga gaaagcacaa aaacaaggac aattnggaaa ctcctggaaa actgcccagt 60
 cacccaaaga aaaagtcttg gaaaatccct atgtcacctg accaattcct cctgactgtt 120
 agcgccctgc agcacgcccg taattccggg gaatttgccct atccctgtag gcccacaaaca 180
 gaaattactg atgtctgagg accttcaatt tcatacccaa ggaagggtctt gaatttcaaa 240
 ggaaaatcaa tccaacgtgc agttgatcgg ttgagattga gcaatcctcc tatagatgtg 300
 aaacgaacca gtattcccct tgaaatccag aaactgcagc ccaacttgaa gatctctttg 360
 cacagtccta gagcccagtc caccataccc gagcccagtc ttatccgctc caggttctct 420
 ggcagcttaa aggggtggaga ccaagtgacc agttcaattg aaagggttg tgtgcaagac 480
 nggtcccctg accagtatgc aggtcattaa accaaaccgc atgctagctc cacaagtggg 540
 cacagccacc ctgtctntta agaaagaacg gcctccatct atacaccctt gatcttttag 600
 agtgaaccct gaattcntgc tgttgcccg gnagaggag angagcncca ggaanccan 660
 aagaaggaat attangggcc aggagtcctc ctgggggtgt ga 702

<210> 494
 <211> 561
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(561)
 <223> n = A,T,C or G

<400> 494
 atgaattatc taaaggacac ctcttaagaa gagatgagat ggagccaact gtcagaaaaa 60
 aaaatgggtg aagaaagttt caaggagaag actccacaga gcagaatggg aaagatggcc 120
 aggagaaaag tgagataata aaaggaaaag cagtccctga cacagaaggc agtgctgttc 180
 ctgataagac acatgacaca aaatatgggt ttgctgagta tcaagtttac tgaggctgcc 240
 tgggaacttg agctgtcanc caaacaggaa gaagggccct tctgcctact ccaaaaggcc 300
 tcagtcaaat ggatatgttt actgaggctg cctgggagct gtcancctaa caggaagaag 360
 ggcccttctg cctaactcca aaaggcctaa gtcaaatgga tatggggaga tttaatatg 420
 gatataaatt acagcaaatg gatttcctat agagngaggg aaaaaaaaaa tccccttctc 480
 cggagactga ggcanaattg cnaaaaccgc gcaggtggtt gcagtgaacc naaattgtcc 540
 attgcnctcc cccccgggcg a 561

<210> 495
 <211> 613
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 495
 gtgttccctt cccaaagaac ttcttcaga tctgcaagaa gatcctgtgc cgccttttcc 60
 gggctcttgc ccacgtctat atccaccact tcgaccgggt cattgtgatg ggtgcagagg 120
 cccatgtcaa cacctgctac aaacacttnt attactttgt cacagagatg aacctcatag 180
 accgcangga gctagagcct ttgaaagaaa tgacgagcag gatgtgtcac taatgtccca 240

cctcaccctt	tggaagaaag	gaaagctgtt	tectcctggt	gccctgagcg	ggcaggaggt	300
ggaccaccct	ggctgaaatg	acacacctac	tcccaggaac	agcagaggtg	gaggcaagca	360
gtgactcctg	agagacattc	cccactcact	ntggngctc	ttaaccttct	gagtgtctgt	420
agcccaaaac	tgnggacgag	gcaaacccca	acgtgaaaga	aggaccccc	cttgaccggt	480
ctggntgggg	aattgtccac	gaagaaacct	tttgcccttc	ccacatggac	aagtcttctg	540
gtganctgcc	gnctaagctt	ttactgggaa	tcaagggttt	gagactggaa	atgcgnggtc	600
ctattttttc	cac					613

<210> 496
 <211> 747
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 496						
tgatcccga	ggtaccaagc	acctgtcttc	aaacctgtg	ttcacctgca	tcatectggc	60
cgctgcatg	gagattgcag	tggtggctgg	cttcgctgcc	tttttgggga	agtacctgga	120
gcagcagttt	aacctcacca	cctcttctgc	caaccagctg	cttgggatga	ctgcgatccc	180
gtgtgcttgt	ctgggtatct	tcctgggagg	tcttttggtg	aagaagctca	gcctgtctgc	240
cctggggggc	attcggatgg	ccatgctcgt	caacctgggtg	tccactgctt	gctacgtctc	300
cttcctcttc	ctgggctgcg	acactggccc	tgtggctggg	gttactgttc	cctatggaaa	360
cagcacagca	cctggctcaa	ccctggaccc	ctactcgccc	tgcaataata	actgtgaatg	420
ccaaaccgat	tcttcactcc	agtgtgtggg	gcagatggca	tcacctacct	gctgcctgct	480
ttgtctggctg	caacaacacg	aatctcacgg	gctgngcgtg	ccttaacaac	cgccccgtnt	540
ganaacncaa	ccgtggttcc	tggaaaaagc	cccagtcctg	gggtgccaan	aagccttntc	600
cactttctct	tgngggaagg	gnatctgcag	cctgacggng	ccatggcaca	aaacaccctc	660
antcatnatt	ccttatcang	acagcaancc	tgaactnaat	nttacgcttt	ggggaagtct	720
ttttctcttc	cttcggtttg	tgggaac				747

<210> 497
 <211> 460
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 497						
gtgatggctg	tggaacaccta	gtgacttata	aggatagtgg	cacaatgaca	tctaagaatt	60
atcccgggac	ctaccccaat	cacactgttt	gcgaaaagac	aattacagta	ccaaagggga	120
aaagactgat	tctgaggttg	ggagatttgg	atatcgaaat	ccagacctgt	gcttctgact	180
atcttctctt	caccagctct	tcagatcaat	atgggtccata	ctgtggaagt	atgactgttc	240
ccaaagaact	cttggtgaac	acaagtgaag	taaccgnccg	ctttgagagt	ggatcccaca	300
tttctggccg	gggttttttg	ctgacctatg	ccaacngccg	nccttccana	tttaataaca	360
tgtttggaac	gagctanccn	ttatttgaag	acagaatata	gcaaattctg	cccagctggg	420
tgtaaagacg	tagcaggaga	catttctggg	aatatgggtat			460

<210> 498
 <211> 127
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 498
acttggccca cagcctcaaa ncgtngaagc acccacagnc tgccatngtg ggacaacttt 60
ctggcttttg annggtcct tctncanagc atngngnagn cagcactgnc cggtgtgtta 120
aatcaag 127

<210> 499
<211> 444
<212> DNA
<213> homo sapiens

<400> 499
ggaaatcctg tttgaaaatg taattttttaa ggacaaaaac gcgacgtggc ggctggcaca 60
cgaacgctga gaaagtgaag gaggttctaa ggaaagagaa aaatacaccc ttttgcctaa 120
gaattacgct ctgacgagga aaaactatct ggaaacttcc aaaccaggt tgaaggcgcg 180
ttgaaggagag ggagagggtc agggggcgtg tttttctttt gctccggacg aatccagcga 240
cccctgtgga gtaccccaaa aggtttggtg gtttccaaaa cgagttcccg ggactcggtc 300
cccttctcct cacctgaagc acgaagactt ctcagctggc ctctaactcg ggccagcgac 360
taccactacg gtccaggaga acctgaatgc gccgcgcgtc taggtcctgc ccctggggga 420
aacttgtaag gacggacaga ttgg 444

<210> 500
<211> 410
<212> DNA
<213> homo sapiens

<400> 500
ggacgggggc agagaaattc tagccagaaa agtgtgggtc actgacaaac cgccactctc 60
aagccaaaaa acctgaaacc acaggccaaa gtgagagctt atatacctgt tttcccactt 120
gaatgctgct ttttctctaa ccacccctgg ccccgccctg cgccatcctg tgctatttaa 180
aaccacagac tcagctagta catgggacta tggctggacg tgggagaaaa gcagcttgac 240
ttcagaagga cagcttaaca gcgtaacttc ggagaagaat ctggctggag atgacctgac 300
ttcaggggaa ggtaattctc ctaccccttc cgatttacag ctccccttcc cactgagagc 360
cactttcatt agcaataaaa tcccccgcat ttaccatcct taaaaaaaaa 410

<210> 501
<211> 354
<212> DNA
<213> homo sapiens

<400> 501
ttgctgccgg ccagggtggt cgtggtctcg ctgccttcaa gaacgaagcc gggccttcgt 60
gcgctcctgc gcaactgctg atgttccctc cctgggctgg atgccgacgc tgggagactc 120
ggaagccgag tgtggaagat ggcagtgtgg agtggattg gtggctttat aagaagagaa 180
agagacatgg gccagcatgt tcagccccct cgccatgtga tgcccgacac caccttggga 240
ctctacagag tccccaccag caagaagccc tcaccagatg cagccattca acctggact 300
tcccagcctc cagaagtgtg agaaataaat ttcatttctt aacaattaaa aaaa 354

<210> 502
<211> 323
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 502
ggactaatat tgagatgaac caggcatgga gaccaagctg caaaattcca gaaatgacct 60
ncagggtgtt agtctacaac ccagccatcg tcaagataac attagactgc gttccagggtg 120
gaccatgact caagatagcc accagaccaa ggcacggaca cctagcaccg agcaccactc 180
ctgcatgcct cccactctaa gttccccctt ataaacacct ctccacagtc gaaagtgttg 240
aatcgtcttt taagggcatg agcttggtcc ttcacagatc ttggcatttg aataaagnag 300

ctctctgttc atcacaaaaa aaa

323

<210> 503

<211> 444

<212> DNA

<213> homo sapiens

<400> 503

tgaagtctta	atctgtctcc	cagactggag	cacagtggca	ccatctcagc	tcactgcaac	60
ctctgcctcc	cggttcaag	caattctcct	gcctcagcct	cctgactagc	tggtattaca	120
ggcgctgcc	gtcatgccta	gttaattttt	gtatttttag	tagagatggg	gtttcaccat	180
gttggccagg	ctggtctgga	actcctgacc	ttgtgatccg	ctcaccttgg	cctcccaaag	240
tgctgggatt	acaggcgtga	gccactgtgc	ccggccggat	ctgatggttt	ttccccgttt	300
gctcggcact	tctctttcca	gtcaccatgt	gaagaaagac	atgtttgctt	ccccctccgc	360
catgatttta	agtttcctga	ggcctattcc	ctagccgcac	tgaactgtga	gtcattaaac	420
ctctttcctt	tataaattaa	aaaa				444

<210> 504

<211> 454

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(454)

<223> n = A,T,C or G

<400> 504

ccccctggatt	gggtgtccca	tcatagtacc	cctgcaggac	tctgttccct	ccatctcaaa	60
acctgttaca	ctgcaatgaa	atggactgct	gacttgtctc	tttttctaca	tgtccccctt	120
gagtctccta	gcaatggatg	ccgggaaggt	gactgaagct	ctgagagcca	actcttcgtg	180
aagcacttca	ggcttttttc	atctgcaggc	tcagctaacc	ctctcaacgg	ctcttttgaga	240
aaggccagg	tatgtcacag	acagatcagg	gctcttaggg	tccaagagca	gaacaggcaa	300
ttgggaagaa	agatggacat	ggagtcagg	ataccaatga	tggtcgtgac	cagcaggaga	360
agctgacacc	ttttgccatg	aaagttgcca	cactgggccc	caatctggaa	gtaactaagg	420
aanaaatcca	ttaggagtga	gagttgcttg	ctgc			454

<210> 505

<211> 234

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(234)

<223> n = A,T,C or G

<400> 505

actcaggccc	gcctgcaccc	angtgaaata	tacagccttg	ntgntcacac	aaagcctggt	60
tggtggtttc	ttcacacgga	tgcattgtgac	attngntgct	gaanacncan	gacaggagga	120
ctcctttggg	agaccagtgc	cctgttgtct	ccctcactcc	gtgaggagat	gcantctatga	180
tctcaggtcc	tcagaccaac	cagcccaagg	aacatcttgc	caatttcaaa	tcgg	234

<210> 506

<211> 471

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(471)

<223> n = A,T,C or G

```

<400> 506
gaggaagagg cagagcaaga cggctcaata gaagcctcca ctaattgtcc tccccactgg      60
aacaccaaatt tgaacaacta tccacacaaa gaagcacctt cgtaagaacc aaaaatcagg      120
tgccagacag aaagtcatct ctctgctcaa ctgagacaaa tgcagattca ttgagccaga      180
ctaaggcata agtgactatt cctctatgtt ccccaacatg taaattgtgg attcagttaa      240
aggctgattg aagagtcaga agaattgtaac tttttgtctc ttatctacct ggaaccacac      300
cttatctacc tggaactgtc ccctccccgc ccccccacac ctgccctgtt ttgagttgnc      360
ctgcctttct ggaccaaata aatgcccata ttacacatat tggnatggng ggccaaatan      420
ttccctaaaa gngngnaaaa gggagcgtga ccctgaccac tttgagccca t              471

```

<210> 507

<211> 320

<212> DNA

<213> homo sapiens

```

<400> 507
attcttccat tgctggcctg ataaagcaag ctgccatgct gtaagctgcc ctaaggagag      60
acacacatgg caagaaactg agactctcag atgacggtga gctaggaact aaatcctgac      120
aactatgtaa gaaagcttgg gagtggacct ttctcagagg aatgtttgga tgagacttca      180
gtgccaaagct gacatcttga ttatagcctt gtataatcag aaaactctaa aacaaagaac      240
ctaataatcc ctgcccagat tcccactca tagaaaaaaa atgagataat aaacttatat      300
tgtgttaagc taaaaaaaaa

```

<210> 508

<211> 466

<212> DNA

<213> homo sapiens

```

<400> 508
gcggagtctt gctctgtcac caggctggag tgcagtgggt tgatctcggc tcaactgcaac      60
ctccacctcc cagttcaagc aattctcctg cccagcctc ccgagtagct gggactacag      120
gggcagtaag gaaagaatga ttcattttga ctgtgattgc tgggaaagat atcttgaaat      180
ggagactgtg agtagtgat gaagttttgt gtttgctcta ctgacctgaa gtgaggaaca      240
accacataca tctttgtctt cactctgtcc agctgtcaac tgcattgttc cctcacgtct      300
tcctgcaaaag taccattatt tccacacctt aagaattaaa gagtgaagag aaaacgacaa      360
aatgttcttg tttatcagga gatgggggtg agctgagctt tccacaaggt cctgaatgga      420
tgagaaggac ccaaaacata tggaaaatat ggagaatagg gtataa              466

```

<210> 509

<211> 313

<212> DNA

<213> homo sapiens

```

<400> 509
gtgaggacct caagatgaga tcatcctgga ttatagtggg cctgaaatcc aataaaaagt      60
gtctttataa gggatagaaa aggaaaagac acagaagacc atgtgaagat ggaggcagaa      120
actggagtga tgtgtctaca aatcaagcaa cgccaagaat tgcaacaacc acctgaagct      180
aggagtgagg catgggatgg attctctctc agaacctcca gaaggaacta accctcctga      240
catcttgatt tcagacgtat ggtctccaga aaaatgagaa taaattcatg ttgttctaag      300
ccaccaaaaa aaa

```

<210> 510

<211> 249

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(249)

<223> n = A,T,C or G

```

<400> 510
actgctcttg acacctgcat ctctttgtgc ggaagcatat tgcttcgagg attaattgga      60

```

ctgcntaaaa	actgtggnt	gaangagang	gacgaagatn	actttcnagg	acattgngtt	120
gagcacctgg	atctaactgt	gcctgaagca	tganactcga	aaccctggac	actcaatgta	180
tatggctctc	aantccaana	cccgatgaat	accttcttag	ctcttgatgt	tgataacatc	240
acaataaat						249

<210> 511
 <211> 141
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(141)
 <223> n = A,T,C or G

<400> 511						
actaagccac	ccatggctct	gccctgcctc	atcctgtgcc	tagaaagacc	ccagactcat	60
ctggcagaga	ggagaagcag	ctggatgngg	ggacgaccat	ggctgcctgt	tagagcagaa	120
gcaacttggg	ttcagaggga	c				141

<210> 512
 <211> 214
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

<400> 512						
agaaacctgg	ctaaggtaac	atgggnttnn	ncaccnaggt	tggagtgann	nggcccacta	60
tattctcatt	gcacccntgt	gnntcnggct	aagactntnc	tngaccntcn	ttnttctgag	120
tagtttggga	ccanaaggag	cacaccanca	cacctggcta	atttnttgta	taaaaatagn	180
ataatttttc	taatgcttta	tcccgaaaaa	aaaa			214

<210> 513
 <211> 406
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 513						
taggcccatt	ccacgcattn	atnancatgg	ccccatgagc	aaaatntcnn	ggcagacntn	60
tataagaatc	tgagcttgcg	tgtgtgacac	acctntacct	aatttagcgc	ntaaacacac	120
tggnanatac	tgcnangng	nggcnncccc	cctnttnnat	anactctntt	cacnctttgg	180
agaccatcac	tatcctatga	tngctttgca	ctgaatgcac	tctgctttgt	aattatcgca	240
aagagggcgc	atcaaaactct	ctggctatgc	atgggccact	gactgcantc	acatctctgt	300
gatnancatg	gcaatgggga	anttaagggg	gttaacaact	aatgttgnc	tgcctgnaa	360
cgtccctt	tctggnaaag	ctagatattg	tccccacaga	actcaa		406

<210> 514
 <211> 321
 <212> DNA
 <213> homo sapiens

<400> 514						
ggactaatat	tgagatgaac	caggcatgga	gaccaagctg	caaaattcca	gaaatgacct	60
ccaggttggt	agtctacaac	ccagccatcg	tcaagatagc	attagactgc	gttccagggt	120

gaccatgact	caagatagcc	accagaccaa	ggcacggaca	cctagcaccc	agcaccactc	180
ctgcatgcct	cccactctaa	gttccccttt	ataaacacct	ctccacagtc	gaaagtttga	240
aatcgtcttt	taagggcatg	agcttggcca	ttcccagatc	ttggcatttg	aataaagtag	300
ctctctgttc	atcaaaaaaa	a				321

<210> 515

<211> 284

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(284)

<223> n = A,T,C or G

<400> 515

acctgctgcg	gatgtntttt	gacgcactgt	atgacgagga	cnngnnnnann	gaggatgcct	60
tctacaggtg	gtgagagtac	caangacccc	gctgagcaat	tagaggacaa	tggtngtggc	120
ccttaaattct	gtcacacaac	ttcttcaant	ngntccacnn	agcngaggac	gngtctgacc	180
ncnnnctgaa	tggtgtgtgg	ggccggctga	cctgtgagcc	ccatggacnc	ananatggcc	240
cggctaaccg	ccnggactgc	aaagggggcg	ggcttcacac	ggcg		284

<210> 516

<211> 358

<212> DNA

<213> homo sapiens

<400> 516

actggagtgc	agtggcccta	tctcggtcca	ctgcaaacta	cccctcccgg	gttcaagcga	60
ttctcctgcc	tcagcctctc	gagtagctgg	gattacagga	gcccgccaca	acaccggct	120
aatgtttgtg	ttattttggc	agagacgaag	ttttaccatg	ttgtcaggc	tagtactga	180
cctcaagtga	tcaccccgcc	tcggcctaac	aaagtgcctg	gattacaggc	gtgagccacc	240
caggttctat	gtttaaattt	gtaaagaact	gcttgttttc	caaaggagct	gccctatgtt	300
tctgttttct	ctatagcaat	ctttgtttta	aaatattatt	ttgggtttga	aaaaaaaa	358

<210> 517

<211> 445

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(445)

<223> n = A,T,C or G

<400> 517

gaactaccag	catcgatacg	ccaagcgcta	gtgaaactgc	agcaaaagag	tccttgcttt	60
aaggaagtct	tctgggagaa	ggaggatacg	cccattgatga	aaccaccagg	tatgggacaa	120
agacaagact	agaagtcata	ctaccatcca	cccagagaca	aatgcacgtt	tgacgtcttc	180
ctctactcta	tgttttacttt	gtttttacgta	aaatgcagat	ttaaaatgca	gaatgcataa	240
ctgactgttc	ctctactccc	tccttttcaca	tgtaacatgt	ggatccagtg	aacgctaata	300
aaagcctcac	agaatgtga	ccccttacct	cactgnatat	ccaacctctt	tttttctttc	360
ctgctttccc	cttctgcccac	tctccccttt	aaatggttgaa	ctcctcaaaa	tcgtcttttg	420
aaaatgcaca	gggcacagat	cctac				445

<210> 518

<211> 106

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(106)

<223> n = A,T,C or G

<400> 518

ctcgggacac	ccacgttaaa	atgatcaagn	tctaacatgt	ntgcatacga	attacnatgg	60
naataanaat	tagccagagc	gcttatgcta	atgccccaaa	aaaaaa		106

<210> 519

<211> 159

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(159)

<223> n = A,T,C or G

<400> 519

cagttcgctc	ctccctgata	agagatgtcc	ccaagggncg	ctttaaggan	atgnccccaa	60
antttcccta	taaagggntt	tnntgaccan	atcgggaccc	ttancaantg	taaaaataaa	120
atctaactct	cnttgacagc	agaaaaagaa	aagttaaatt			159

<210> 520

<211> 451

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(451)

<223> n = A,T,C or G

<400> 520

atagagtctt	aatctgtctc	ccagactgga	gcacaagtgg	caccatctca	gtcactgca	60
acctctgcct	cccgggttca	agcaattctc	ctgcctcagc	ctcctgacta	gctgggatta	120
caggcgccctg	ccgtcatgcc	tagttaattt	ttgtattttt	agtagagatg	gggtttcacc	180
atgttgccca	ggctgggtctg	gaactcctga	ccttgatgatc	cgtcacctt	ggcctcccaa	240
agtgtctggga	ttacaggcgt	gagccactgt	gcccgcccg	atctgatggg	ttttccccgt	300
ttgtctggca	cttctctttc	cagtcaccat	gtgaagaaag	acatgtttgc	tttccctttc	360
cgcacgaatt	ttaagtttcc	tgaggcctat	tcctanccg	cactgaactg	ngagtcatta	420
aacctctttc	ctttataaat	taaacaaaaa	a			451

<210> 521

<211> 155

<212> DNA

<213> homo sapiens

<400> 521

acaaagtggg	gaagaaaggg	aagaaggaca	agaagatcaa	aaaaacgttc	tttgaagagc	60
tggcagtaga	agataaacag	gctggggaag	aagagaaagt	gctcaaggag	aaggagcagc	120
agcagcagca	acagcaacag	cagcagcaaa	aaaaa			155

<210> 522

<211> 237

<212> DNA

<213> homo sapiens

<400> 522

gctggagttc	agtggcacga	tcatgactta	ctgcagccta	gacctcccag	cctcaagtga	60
tcctcctgct	tcagcttcct	gagtagctgg	ggactatagg	tgatacctgc	tccttcacc	120
ttctgctgtg	agtggaaagc	ccctgaagct	ctcaccagaa	gcagatgctg	gcaccatgct	180
tcttgtacag	cttgagggaac	catgagttaa	ataaacctct	tttctttata	aaaaaaa	237

<210> 523

<211> 309
 <212> DNA
 <213> homo sapiens

```
<400> 523
gatcacattt ccaccactgt gctttcccta agcccacgga tgctggtcag agaagaggggt      60
caccagggag acgcaaatac acaggcccag gagacataca caggggaaga atgcaggtga      120
agatgaaggc agagacctcc aaggcaagga atgccaaaagc ttgccagcaa accaccagaa      180
acgagaagag agtcatggaa cagatcctac ctcacagctc tctcagaagg aaccaactct      240
ggcacacgtt gaccttggac ttctagcctc cagaaaagtg agataataaa tatctgttgt      300
ttaagcccc                                     309
```

<210> 524
 <211> 605
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

```
<400> 524
gaaactcgga gagcccaaga acaatgatac agctgtcaaa tctttgcggg ccatcaggca      60
ncctctccca cttgtttcca agtctaacac tcttcagatc atcagagaag atgaggttgg      120
gggcccctca agtcaacagc acaagggaac actgcaacaa ccccaggcca gcacacacca      180
ttaccgctgg actcaccatt gaacatttcc atttctgaac gcagggtttc taaaatgtgg      240
gaaagggagc agagagaagc tggagttagg tccctcagcc agggacagat ggaggagagg      300
ttgaaggcag gtcaacaaga ccaggggaag aggaaggaaag tgaggggctc tgggctatgt      360
ggatcttaag ggaggaagtg agcatgcacc tccnatcttn ttccaagccc atctactgag      420
aaagtacttt gtgctcttct ccaaaactct gacnttntgg ngggaggagt ggatcntttg      480
nttatctctt gagggagggg ncactttttna aggacangcc ctgcttancc ctaanacaaa      540
aantgtgacc aaaaaagccc gaaccnaggg ggnccaatc ccggagctgg aaagaactca      600
ttttc                                     605
```

<210> 525
 <211> 548
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(548)
 <223> n = A,T,C or G

```
<400> 525
ccctgatgca gcttcctagg aacaaggncc ccaacatggc ggtgatgac aagtccctga      60
ctcggagcac aatggacgcc agtgtggttt tcaaggaccc cacgggagag atgcagggga      120
cgggtgcacag gttgctgctg gagacgtgcc agaatgagct gaagcctggc tcagtgtctg      180
tgctgaagca gattggagtg ttttctcctt cacttcgaaa tcactacctc aacgtgacac      240
ccaacaacct ggtccatatt tacagcccgg attctgggga tgggagcttc ctcaagccat      300
ctcagccctt ccccaaggat tcagggagct tccagcatga tgtggctgca aagcccagg      360
aaggcttcag aacagcacan aacctatagg canaggcgtn cctgaggaag aactnccaga      420
acagatgacc tggatgggct tctgagttag ctttcttgaa nacttntnt gtgggancag      480
tagttgagac tggcccaacg caggacaccc accatgagca ggcngctttt ggcatttgt      540
tgggcaag                                     548
```

<210> 526
 <211> 557
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(557)
 <223> n = A,T,C or G

<400> 526
 ttcttgaggc tgaggagccc cagggttgagg ggcttcatct ggtgagagcc ttcttgctgg 60
 tggagactct gaagagtccc gaagtgggtg ggggaaacat atggtttggt ttttatcagt 120
 gtgttggtaca gagcgaatgg cctcggacct tcaatggctg tgcactgctt tctcaggact 180
 ttccctcaaa gggaagaact gacccttata tctttccctt ttctccacca ttagagctca 240
 gagatcccaa gaggcaaagc ggggaaagt tttagaaatca tttcactctg gaaagctttc 300
 agatcacaga ttctgctca taagtggata aatgatgcag taaaattgaa caaacacagc 360
 tcgtcctaca ttctgaagat ggggcacatt tatcagaaga gaaaaactgc cagagagaat 420
 tcacatcagt gcagaccgag agtctcagat ggctaagaga tgtgcctgca acttttcaga 480
 aataagacta ttaaaagaan gncagcttgg agtcttactg cgaagaatta taaacaaggc 540
 ccgtggatta taaatta 557

<210> 527
 <211> 485
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(485)
 <223> n = A,T,C or G

<400> 527
 cctgcctgcc cccagggtgt aatatacagc cttgttgctc acacaaagcc tgttggtgga 60
 ctctcttcac acggaccgc gtgacatttg gtgccgaaga cccgggacag gaggactcct 120
 tcgggagacc ggtcccccggt cctcgccctc actccctagg gagatccacc tacgacctca 180
 ggtcctcagc ccaaccagcc caaggaacat ctcaccaatt tcaaactctg accccactgg 240
 aaatccgact gtccaacccc acagccactc ccagagcccc tggaaactctg gcccaaggct 300
 ctctgactga ctccctccca gatcttctcg gcttagcagc tgaagactga cactgcctga 360
 tggcttgtaa aaatttnngg accttcacag atggcttggg tacttcttac agngggagga 420
 tgggcctgaa ncaactgaag atccacaaaa gaagcgaaaa tagccttaac tgatgacatt 480
 ccacc 485

<210> 528
 <211> 117
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

<400> 528
 gcccaaggac atacccaagn tggctcctnaa anccccattg ttgggngaatt ctgaaggag 60
 gantnttgnc gctcaacana nncagggatg ggtccattat atgatccatg aaccaga 117

<210> 529
 <211> 230
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 529
 aaaatgccct acgacacaaa ttcacctaca caagggatc agtccgtctt aggttctgct 60

aatgacnact	cttcttgaag	ttcttcaagg	ccgagtnaaa	aggaaaagcc	agccggggcac	120
aatggctcac	gcctgtaatc	ccancacttt	gggaggtga	ggcgggcgga	tcacctnngg	180
ncangagtgc	nagaccagcc	tggtctaatgt	gtntctacta	aaaatacaaa		230

<210> 530
 <211> 131
 <212> DNA
 <213> homo sapiens

<400> 530						
gtgcctttca	ggcatgtcat	cgttgaagaa	cataactcaa	tgacccgaac	agcaaaagtt	60
cctggctcct	ctgctggcac	tgtcaaaatg	gaaatctaaa	aagcaaaaat	aaagtatcag	120
acacaaaaaa	a					131

<210> 531
 <211> 121
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(121)
 <223> n = A,T,C or G

<400> 531						
taccctttta	gagcangnt	nagcctggtt	aagtccaagc	tgaattggcc	aactcttttg	60
cnttttacc	tggaangaaa	tactcataag	ccacctntgn	tnattttacc	cctcaatcct	120
t						121

<210> 532
 <211> 180
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(180)
 <223> n = A,T,C or G

<400> 532						
atcgacaagg	aagatttgca	tgatatgctt	gcttcattgg	ggaaatcact	gtgagttcta	60
natcctgatg	aatgaggtcc	aggcccatca	acttcacat	gttctcacca	tggtggtgag	120
aagtaaattg	acagatccga	agatgcatca	naaatgcttt	gttggttgat	gaaaaacact	180

<210> 533
 <211> 451
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(451)
 <223> n = A,T,C or G

<400> 533						
cgctgctggg	ttagggcttc	cacgactgag	ctgggtctcg	caagtggaa	ccaacgttgg	60
ggctcaaacc	caggtcgaaa	ggtcgccggg	gcaatgggtg	gagaacatgg	aactaagctg	120
gaggacaccc	gagtgtctt	aagcaatccc	cgtggccaaa	accagcagcc	aatttgata	180
ccatcaagac	acctgaaacc	ttatcatgag	ccagatgcca	aagaagacat	tctagcagga	240
ttgngaggac	ccccagttg	cagccatgtt	gacactgatg	ctgaggagga	ccccagctgt	300
cacagatggg	ggaaaaaaa	ccctggggga	agggggacan	cctgtcacaa	cgagtaattt	360
aatgatagct	tttgatagcg	gggggtcact	actgcctntg	cagatgcana	tcccgaactcc	420
tgcgagaagt	agctcaccgt	gacaaagctt	g			451

<210> 534
 <211> 450
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(450)
 <223> n = A,T,C or G

<400> 534							
caaccccact	cctatggccc	cacctagaag	caattcagcc	cacaggagga	cagcttcaac		60
tccctgtgat	ttcacccacc	ccaaccaatc	agcagcaagc	atctgttacc	tggccacccc		120
cacccttcc	cccaagctgc	ctttgaaaaa	cccctaccta	tgagctttgg	acaagataat		180
ttgaatatga	actccatccc	ccacgtggca	tggccagcct	agtgtctctt	aagctctttc		240
tctactatat	tgccatgggt	tttctttatg	cagcaggcag	gaanaacccc	tcagggtggt		300
accggnaggg	ggnttattcc	tntaggnggg	gggaaacagg	acaaagtgc	ttgccanagt		360
gtaaaaaatg	gaangggggc	aatggaaaca	acagacntgt	gaaanaaaaa	ctcataaata		420
ggacttgagg	agngacaaaa	tatgtatcaa					450

<210> 535
 <211> 492
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 535							
accaggaca	ggaggactcc	ttcgagagac	cagtccccca	tccttgcctt	cactcggnga		60
ggagatctac	ctatgacctc	aggtcctcag	accaaccagc	ccaaggaaca	tctcaccaat		120
ttcagatcgg	atctttctcag	cttagcggct	gaagactgac	gctgcccgat	tgattgcctg		180
ggaagcctcc	tggaacctca	cagacgcctt	gggtaactct	tacagnggag	gacaggaatg		240
tcaggccggc	ctctgagccc	aagcatgcat	gtatacatcc	agatggcctg	aggcaactga		300
agaaccacaa	aagaagtga	aatggctagt	tcctgcctta	actgatgaca	ttaccttgng		360
acattccttc	tccgggacag	tgagtcttcn	gaacttccca	atggagcacc	tttgggaccc		420
ccgcccttgc	ccgnaanaaa	acaacccccct	ttaactgtaa	ttttccncca	cctacccaaa		480
tcttaaaaac	gt						492

<210> 536
 <211> 408
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(408)
 <223> n = A,T,C or G

<400> 536							
cgaagccgct	ctggaatacn	gccgntntgc	gnttgncat	atgtnntctn	ccaccntant		60
gccatctttt	ggcnatgnga	gggcccgcata	ancctgnccc	tgtcttcttg	acaaagcatt		120
cctaggggtc	tttcccctnt	cgccaaanga	atgcatggtc	gtgttgatg	ncgtagaang		180
aancaagttc	ctctgtaacc	nttcnttgaa	gacaaacaac	ntgggtagn	aacccttttg		240
nacgcnnent	aaccctccna	ccnggtgaca	ggtgcctctg	cggacaaaag	cccacttgta		300
taaaaatata	ccttncaaaag	gcggctacaa	cccccaatgc	ctcntttang	ngnntnngat		360
aanttgntgg	aaaagaagcc	caaaatgggc	tcntccctca	agcgattt			408

<210> 537
 <211> 378
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(378)

<223> n = A,T,C or G

<400> 537

ccccggaatg	gaaaaaccac	aggntttttt	tttggtnccn	ncccttttaa	atggttcaac	60
ccnaaaaccga	angtttgaga	caatggcgat	tggaattgac	caccttttgg	caagggttnc	120
cgggggaaat	ggataaaang	gcnaaatttn	ccacccgggc	nggggcccct	ccttgaatgg	180
cgccctgntg	cctcntncag	cgggataaaa	acctnttgcg	ggattntccc	ctgaattcct	240
taaaacccaa	ccnacttttt	ggcantncng	ggaaagggng	aatntttngg	gaccnccaa	300
aaggaanttg	ggncttttaa	aaaggggggt	tgngtaacc	cccaaanaa	ccgggcnttt	360
tttggaaaaa	caatgacc					378

<210> 538

<211> 473

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(473)

<223> n = A,T,C or G

<400> 538

ccccccccta	acgttactgg	ccnaagccgc	ttgnaataag	gccngtatgt	gcngnttgtc	60
tatatggtna	tnttcccacc	atattgccta	nntttggnaa	tgagagggcc	cggtaacntg	120
gccctgtntt	tttgacaagn	atnncatagg	gtttttnccn	tntcgccaaa	ggaatgcna	180
gtctgtntga	atgtcctgaa	aggaagctag	ttntctctga	cncttnttga	agacaaacaa	240
cnttggttag	ccgacccttt	gcaggcatng	gaacccccca	cntgnnnnac	nggtgccttt	300
tgcggaacaa	nggccncgtg	tattaanant	cacctggcaa	aggtngnaca	accccnagc	360
cncgttngtg	agtttgggat	attttgttgg	gaaagaatca	aatgggctnt	tcctaangcg	420
tattcaacaa	cngnctgaa	gggatcncca	taaaggtccc	catttggtcg	gga	473

<210> 539

<211> 177

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(177)

<223> n = A,T,C or G

<400> 539

gaagatcctc	ggggaganan	gatttcttaa	aaccaccctt	cacaanaatc	tatgggaaaa	60
ttcctagctt	gagaacttac	atcagaaaac	cagaataaat	aatatatttt	attaggnnta	120
tttatgaaac	cagaaccatc	attaattggc	ataacaagaa	gttactggga	aataatt	177

<210> 540

<211> 162

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 540

ataacatgcc	ttcagtatac	taacactcat	atgctcagtt	tggtttggtt	tggcagggtg	60
------------	------------	------------	------------	------------	------------	----

120
162

```
<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G
```

```
<210> 542
<211> 386
<212> DNA
<213> homo sapiens
```

```
<220>  
<221> misc_feature  
<222> (1)...(386)  
<223> n = A,T,C or G
```

```
<210> 543
<211> 130
<212> DNA
<213> homo sapiens
```

```
<220>  
<221> misc_feature  
<222> (1)...(130)  
<223> n = A,T,C or G
```

$\langle 210 \rangle$	544
$\langle 211 \rangle$	468


```

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(468)
<223> n = A,T,C or G

<400> 544
acaccaaagt taatcaccag cctggtttcc aacagcatag atttggtttc tccatgtttg      60
taaatagaaat catacagctt gtccctctttt gcgtctggct tcttttactg aaagggagaa      120
aaatttttaaa acctgaataa gtggaagccc ttataaaaga ggcctgagag agactcctca      180
cccttctgcc atgggaggac acagcaagaa ggcactgtct atgaaccaga aagtgggcct      240
tcactagaca ccaaactctgc tgatgccttg atcttggaca tcccaagttt cagaattaac      300
cacatcagaa acctatgtcc tgagacagtg acatcagcaa gatggcagaa tanggagata      360
ctagactttg ttccccacca aaaaaaacat ttttccggat ttccttaanc ntagatagat      420
caagaagagg ggctcaaata agttcaaccc aagaacctgg aagaaaca      468

<210> 545
<211> 469
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(469)
<223> n = A,T,C or G

<400> 545
aggagctgaa ggtcccccta gaggagtatg tccacaaacg ctaccccggg ctggtgaagg      60
tggtaaagaaa tcagaagagg gaaggcctga tccgcgctcg cattgagggc tggaaggngg      120
ctaccgggca ggtcactggc ttctttgatg cccacgtgga attcaccgnt ggctgggctg      180
anccggnctt atcccgcatc caggaaaacc ggaagcgtgt gatcctcccc tccattgaca      240
acatcaaaca ggacaacttt gaggtgcagc ggnacgagaa ctcgggccac gggtagagct      300
gggagctgtg gtgcatgtac atcaaccccc caaaagactg gtgggacgcc cgggaacctt      360
tttttnccat caggacccca gccatgaata ngctgctcgt tcgnggncaa caaggaannt      420
cttcgngnag atagggcttc ttggatcctg gcatggatgt ataccggag      469

<210> 546
<211> 286
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 546
gtcgcaggct ggaagggttg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg      60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta      120
ccacgcctgg ctaatatattg tattttttgn aaaaacgaag cttcgccatg ttgcccaggc      180
tgatctcgaa ctocctgagct caagcaatcc tcccacctg gcctccaaag tgctgggatt      240
acagggatga gccactacag ccagtcaata aaattacttt taaaag      286

<210> 547
<211> 486
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(486)

```

<223> n = A,T,C or G

```
<400> 547
actggatcac tccatgtcan gnggaaacat gtccaccaac ttcattcattg tctgttgtca      60
tggttcactt tagatgtaaa cttagactgga ttaaggattc cctaaagtgt caggcctctg      120
agcccaagct aagccatcat atccccctgtg acctgcatgt acacatccag atggccggtt      180
cctgccttac tgatgacatt caccacaaaa gaagtgaaaa tggcctgttc ctgccttaac      240
tgatgacatg gtcttgtgaa attccttctc tggctcatcc tggctcaaaa gctccctact      300
gacaccctgt gaccccactc tggcccgcaa aaaacaaccc ccctttgact gnaattttnc      360
tttacctacc cgaatnctat aaaagggcc acccctatct ccctttgntn gactctnttt      420
ttgggactca gccacctgn attcaagggg aaanaaacag cttttatttg ctcacaccaa      480
aaaaaa                                         486
```

<210> 548

<211> 221

<212> DNA

<213> homo sapiens

```
<400> 548
aggatgtggc ttctgcggga gagcttcaaa ggggtgcccta cttgcccctc ttggtaacca      60
tgacgtcatg gaaatgggag gggaccgccc cagcccccaa acacctggag ggaagtggga      120
gactttttcc acttctgtt ctacttgttg ctactgactc aaagtctgac ctgtttatta      180
attgcaaaat atagctctat gtgtgctacc cagaaaaaaa a                                         221
```

<210> 549

<211> 298

<212> DNA

<213> homo sapiens

```
<400> 549
gtcgcaggct ggaaggttgg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg      60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta      120
ccacgcctgg ctaatatattg tattttttgt agagacgagg cttcaccatg ttaccaggc      180
tgatctcaaa ctcttgagct caagcaatcc tcccaccttg gcctcccaaa gtgctgggat      240
tacagggatg agccactaca gccagtcagt aaaattactt ttaaagcca aaaaaaaaa      298
```

<210> 550

<211> 294

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(294)

<223> n = A,T,C or G

```
<400> 550
gaggtcgcag gctggaaggt tggaatatgc cctagatgct ggagcagcga ggtgcgaacg      60
nggcggcagg aagtttctcg acacctcagc ttcttgagta gccgggacta caggcatatg      120
ctaccacgcc tggctaatat ttgtattttt tgtagagacg aggcctcacc atgttaccga      180
ggctgatctc aaactcctga gctcaagcaa tcctcccacc ttggcctccc aaagtgctgg      240
gattacaggg atgagccact acagccagtc aataaaatta cttttaaaaa aaaa          294
```

<210> 551

<211> 298

<212> DNA

<213> homo sapiens

<400> 551

```
gtcgcaggct ggaaggttgg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg      60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta      120
ccacgcctgg ctaatatattg tattttttgt agagacgagg cttcaccatg ttaccaggc      180
tgatctcaaa ctcttgagct caagcaatcc tcccaccttg gcctcccaaa gtgctgggat      240
```



```

<400> 555
cccctactga atggatctgc tggcacctag acctcanaga agggggaact gaagactgaa      60
gtctgaccac tgttctttgt tgaaaatttc tttctcaggg gcttgagggg atcacatcta      120
caatccngag ctaatatctt cttctgctgn ccccaaaaatt taaacgaagc ttntcttaac      180
ccattgcaaa tganaaaaat ctttgaatct acctatgact ataagccctt atttcaagat      240
atcctgcctt tttaggccag aaccaaagtg taacctccat ctattgattt acaattttgc      300
ctgtaacttt ggctttcctg aaatttaccc caccttaaaa aaaaa                                345

```

```

<210> 556
<211> 462
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

```

```

<400> 556
actgagtcta gaaccggaag attggatcct ctgagaacat cagagaaaga ctgtccttgc      60
catccacgct acagcaaaac ttcgggacct tgaacttgga gttcgtaatc tcacagatga      120
aaagggctcc tccacactct tggaactgta caccattggg aacccttaag gttatgatag      180
aattggctga atggaagtat ctgtgcagct gctggcactg tgacctatgg agaaatgcat      240
caaatgaaga ttatagagat tcagtggtag gggattaatg aagggtattg ttatttagag      300
actgtcaagc ttcagatgat catgcaagaa gggttccagt tagttccana tgaaaacccc      360
cccccttcct tggcaataaa naaacttccc tgcctccntt nacagcccag ggngagagtt      420
ccatgatccc cagtaggtag agactacacc ccaagccagg tc                                462

```

```

<210> 557
<211> 347
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

```

```

<400> 557
cctatcaggc attattggat tcagtcacaa caggatgaag gacaggcacc aggttccaaa      60
tcattcaatg agcaagtaag gncanagtgc caangaccag agcccaacaa actctggatg      120
ccttcaaagg cnaagaaacc acngccaggg aggagacnca ggatctcagc acaannacan      180
gcacctgngc tcaaaangaa agctgaggag cctgattaaa caaggacaaa ttacctggga      240
cntnaancaa cggtatnctc ccaaagactt gagaaacctt tggngngnct ctttggggaa      300
naaaacttcc atnctccan noctgttttg gcaaagggtt tcaacca                                347

```

```

<210> 558
<211> 565
<212> DNA
<213> homo sapiens

```

```

<400> 558
ggacagatga ccaaaccttg cagacagcag cgggagctgg agggactttg ttgaggactg      60
ggaccaggt gtggttgctg caatgccctc tgcttttgga gagaaaagat gcagattccc      120
aggtcacacc aagtgcctc tccagaacct ggaacagcct ctgtgtggac tgccatggga      180
gagctggagc caccacagaa tcttgctcac cccaggaggg tggcagcaat aggatcatca      240
tgacttttca ccttgacctt tcaccacagc ctgaccctc caaggtagct gctcaatgcc      300
agtttgtgga tcgacatgtg attcttacat ttgcaacaac atcttctgtg agtagcctgc      360
tccccagca cgaggaaaat gagactgatc ctgagaggat ttgattcgtg cattctggag      420
ggacaagcct gcctggaaaa gtctcctgca ggagaggcag accaggctgc ccaacctgag      480
tgtggactcc agcccttggg cttgccgggc tatattgtcc ttccatgtac ccactacct      540
caccagctct taagcagcga cttaa                                565

```

```

<210> 559
<211> 120
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 559
ccctttttaga gcaatgttca agcctgagtt aaagtcctaaa gctgaattgg ccaattcttt      60
tgcttttttac cctgggaaga aatactcata agccacctct ngtnntttta acccccctaat      120

<210> 560
<211> 256
<212> DNA
<213> homo sapiens

<400> 560
actcctgact tgatggatca gctgacacca cccagaccag tatctggctc aaccgggttct      60
gccatccac ccaggaacag aaaacagcaa gaaaaactca ctctgacct ctatgactcc      120
atctccaact tgaccaatca gcaactccca ctctccaagc ccctaccgcg caaattatct      180
taaaaactct gatcccaaaa tgttcgggga gacaaagttg agtaataata aaattccagt      240
ctcctgcaaa aaaaaa                                256

<210> 561
<211> 249
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 561
attctgaatt ccattaggac aactgatgcc aaccagtttg aagaccccca cagaggaacc      60
gaatcagntt ganaatacag ctgtttcttc tncctgtccc atgacttcac cctgcactct      120
tcaacccatc aacaattcaa cacttcggcc tactccaact ncnttaaaat acctagacct      180
aaangntca gacaaggcag attntgaggn ttccccctgt ctctttattc ggnagcctta      240
tgaaaaaac                                249

<210> 562
<211> 193
<212> DNA
<213> homo sapiens

<400> 562
gctgtacagg gaagcatggc tggagaggct tcaggaaact tacaatcatg gcagaaggcg      60
aagagggagg aggaacgtct tacatggccg aagcaggaga aagagagcaa aggttggtcg      120
tgттаagatt ctgtgaagct actcaaaca attcacgcgg caataaatta aatatttcaa      180
ctttaaaaaa aaa                                193

<210> 563
<211> 319
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(319)
<223> n = A,T,C or G

```

```

<400> 563
gtctaattgga agaggaaaaac cagagggggag ggggtacactt ccacttccac ttcttttcaa      60
cagacctggg ggtggccttcc ttataaattg tggccttgat gttgcaccaa gaagccttgt      120
tggacacttc acctttgggc ccacagtctg gcaagatccc ttctccata ttccaatgac      180
atggctcttc ctggagaata tgctcgtatt cattttctat gtggngctgc tgtttcagaa      240
attcttctgt gattctatac acatggacat gagcattccc tattaaattt ttcatcttc      300
tgtgccatca aaaaaaaaaa                                319

```

```

<210> 564
<211> 472
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

```

```

<400> 564
caacccact cctatggccc cacctagaag caattcagcc cacaggagga cagcttcaac      60
tccctgtgat ttcaccacc ccaaccaatc agcagcaagc atctgttacc tggccacccc      120
cacccttcc cccaagctgc ctttgaaaaa cccctaccta tgagctttgg acaagataat      180
ttgaatatga actccatccc ccacgtggca tggccagcct agtgtctctt aagctctttc      240
tctactatat tgccatggtt tttctttatg cagcaggcag gaagaacccc tcaggtggtt      300
accggcaggg ggctaatacat ancatggggg aaacaggaca aaacttgcnt gccagaagtg      360
gtaaaaaatg gaaagggggc tntggaaaca acagacatgt ggaaagaaaa actcataaat      420
aggacttggg gaagtgcacg aatatgtntc aataggaaat aaagatcggg aa          472

```

```

<210> 565
<211> 264
<212> DNA
<213> homo sapiens

```

```

<400> 565
gtgctcaaaa aacatttggt gagtaagtga acctgagact atcaacaagc attattttta      60
aatcactagc aaaggggtcag atgaaagtga gatccataca tccttcttca gcaacttggt      120
cctctgctct gcacctcccg caattaacta ctgaaaaaag aacacagctt cacaaaagag      180
attgtaaaat caggaagtat atctaagtca cctccagtag ccgtaactct accttgtcca      240
gtaaaagggt gtgaaagaad aata                                264

```

```

<210> 566
<211> 378
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(378)
<223> n = A,T,C or G

```

```

<400> 566
gtatatattac gtcttatatg aatgacacga agaaacaatg aaattgaagg aaaggaagat      60
gaacgctaag atgtggggac cagtgcacaa ggggtgttgca gtacgggaga gagattggac      120
tcaaattcct gttgttttaa ctacaacagt agcagtgtgt caggcctctg agcccaagct      180
aagccatcat atcccctgtg atctgcacct acacatccag atggcctgaa gtaagtgaag      240
atccacaaaa gaagtgaaaa taaccttaac tgatggcatt ccaccattgt gatttgtttc      300
tgccctaccc taactgatca atgnactttg aaatctcccc cccctttaan aaggtccttg      360
taattctccc cacccttg                                378

```

```

<210> 567
<211> 275
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 567
tttgtgtatt ctagccttgg ggtcttttca cgatgccatt cacttgtggc cagnctcgac      60
acagattcca ccattaatgc tcangacaca angcccatta ctctncatac ctgtgcacca      120
attnnaaatn anatatnttg gngccattga aaaactgaca ctctcccatg naaacggcct      180
ngaagggcnt ttncacctga tnattttaat acacnntgcc cnacatagat ggaaagcttc      240
ttttgttcct ncagangaag aatttattat gggag                                275

<210> 568
<211> 157
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 568
atggctttcc acatcccgca cccttcnntg tgctgagcnt gtctctcnct accctcttat      60
catctccact ctgangtccc ttntgnnct gctcacagtg atgtgantct gtcttnccac      120
accactacac ctctttctnt ctgcgaggca aacgatt                                157

<210> 569
<211> 540
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(540)
<223> n = A,T,C or G

<400> 569
ggagcttgac ataggtggtg catgaagtgt ctcaagagga agcagagaat aagatctcag      60
ttacacagtc tgggcaagaa tacaagaaaa tcacccaaaa aactgcgacc atcagaggag      120
cctccatggt agagtctctg ggctctctgc tcttcanaat ccaccctgga aacagtgtgc      180
atcaaaacac tttggagttc ttagaggcac ttggaattat ctgctggctt cccaccttta      240
aagagactgg gctagttaaa tatccccctc tggtcatttt ttaaatttgt gagtttattt      300
tttgattatt actctaattg ggggctaaca ttaacattta ctgggcaagt gtcagggagg      360
tcaacattat gcatgtttga gatagtcctt tgccatgaag aattgttctg tgtcccatgt      420
gacttttgta tgtccaactg ggcagttgtg aattcagaaa acctcgtgta taattattca      480
aactcaaagc ctaacttcat tttacatgca aacacaatgt atttattacc agttttaatc      540

<210> 570
<211> 130
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 570
gtttccgtcg ggcgcagtgg ctgangcctg caatcccaac acttttgaaa ggcaaaaggt      60
ggcggggatc acccgaggnc gggagaccag cctgaccaac atgaanaaat cccgtctcta      120
ctaaaaaaaaa                                130

```

<210> 571
 <211> 366
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(366)
 <223> n = A,T,C or G

<400> 571	
agacagggcc ttgaactcct agcctcaagt gatcctactg cctccacctc ccaaagtgtt	60
gaaattaccg gcctgagcca ctgtgtcttg ctcctatgtt gtccttataa gaacaccatg	120
tgaagataca gagacacaca gggaaaaagc ccatgcgaag acagagacag agactgaagt	180
gctgcagcta caagccaaag aatgctgagg attgctggca accaccanaa gctaggggag	240
aggcatgtgt ggtttntgct gcanaccctc cagaaggaac taaccctgct gacaacttga	300
tttaagagtg cttgcttcct tgaattggga ganaataaat ttctgttctt taaagccaaa	360
aaaaaa	366

<210> 572
 <211> 300
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 572	
gtcgcaggct ggaagggttg aatatgccct agangctgga gcagcgaggt gcgaacgcgg	60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta	120
ccacgcctgg ctaatatattg tattttttgn agagacgagg cttcaccatg ttaccagggc	180
tgatctcaaa ctcctgagct caagcaatcc tcccaccttg gcctcccaa gtgctgggat	240
tacagggatg agccactaca gccagtcaat aaaattactt ttaaaaagcc caaaaaaaaa	300

<210> 573
 <211> 326
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

<400> 573	
ggctccatga cagtgggtgac angtaaggc cgtggctggg atgcttgtct tgtccattca	60
agggaaacctg cagcttgact accccatctt ctacgtgatg ttcgtgtgca tggnggcaac	120
cgccgtctat caagctgcgg ttttgaagtc aaaccttaca agangtacca actccttttt	180
gattgncaag gngggcttca ntttgnccac aaccnttnc tttacaanan gggcaatatt	240
ttacctggac tttatngggg aggacnngct gcacatttgc atgtttgcac tggggggcct	300
nattggattt ttggggcggt cttctt	326

<210> 574
 <211> 264
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(264)
 <223> n = A,T,C or G


```

<400> 574
cctgtgggaa ccaacgagtt cacagctgag cagtgttttg gtgatggctn gaacngngct      60
nnttnctnna ttattgacct gnngggccag ncangtctgt tttganctgt tnaaaatttt      120
tggtagcncc tntataaaaag tgccaaaagc cntgaccggn aanggatgaa aataaattaa      180
aaatggtgcc cccttgaana aaaaatggcc cgacccggat canggaaagt tatcangaat      240
ntttgaacaa atgaggtttt ttgc                                           264

<210> 575
<211> 142
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 575
gagaagagaa tttccagcac tttgggaaaa tgtggaagtc tgccttggag aggagagact      60
gcggtgacct acactaacac aagagccaga gagaaaactg gacaaaaagt gngttcnttt      120
caacntgggg cggtcacagg ta                                           142

<210> 576
<211> 169
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 576
ttcttatttc atggaaaaga cactangann acccttttgg agcatagatt caagccctgg      60
ntaaagtcca agctgaattc gtgggcctag cgccgcgcaa ttcttttgnt ttttaccctg      120
gaagaaatac tcataagcca cctntgttat ttaccccaaa tcttcacaa              169

<210> 577
<211> 151
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 577
aaattttttg atattccttt tttggagnca aagttgcagc nctgagttaa aagtccaagc      60
tagaattctt ttagcttttt accctaggaa gaaatactca taagccacct cttgttattt      120
acccccaatc ttcacaaaga aaaaactggt a                                151

<210> 578
<211> 214
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

<400> 578

```

aaaaactctt	gaagacnttg	atctgggncc	tactgaanaa	ngtgtgagag	tcnactcagg	60
tgncaacnch	gccngaagaa	gacctanaga	cccttttgca	atccccgtcc	ttccttccag	120
cctgatgtac	caaggnggaa	gcctgaaaat	ncagnnggtg	nngacnntta	ttcacttaaa	180
ggcgaaaact	tgacaaccaa	tgattaatcc	tttg			214

<210> 579
 <211> 612
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

<400> 579						60
gaactgaggt	ctactcaact	ctgaaagcaa	tactaacaaa	tagaagatgt	gtactcgggt	120
tacatcatgg	aaataaagat	ttgtttcact	agttttgctg	ctggaagagg	agagaagatt	180
ctcatcgac	tgtccccaca	ctacgtaatt	ctaagaaatg	gcaggcaact	tataccacga	240
ggatccagtc	aacactaaag	ggataatgac	agtctaaata	tatccactga	ccacttgaaa	300
aaaatatgtt	aagtgggtgaa	atgagcttaa	aggtgaaaga	gttcaagaag	gtctaactat	360
gcagtttctt	gttgactgcg	gtcatctgtt	ccctttcggg	aagctcaaag	actgaccaag	420
ctggaagagg	cagcatgctt	tccaataaag	ggtgctacat	ttctgtgcac	caatagtcag	480
aatcacatat	ttagtagcag	gcaagcagca	gcaggtgaat	gacagataaa	gttactctac	540
ctaattagat	tgaaataccc	acacctttgc	tgaatgcaaa	atacaaaggc	gatcagactt	600
ganggctatt	tgtgcttaag	gaaaatattg	tatatgacat	agaaaaataa	tttcatatgg	612
tgaaaaaaaa	aa					

<210> 580
 <211> 264
 <212> DNA
 <213> homo sapiens

<400> 580						60
gcacaatggt	tggaaccagcc	caggatacct	cactcacaag	aacttctatc	ggacttagct	120
tatccctcag	aagaccctgg	acaccaccaa	aggctcatcg	cacaatcttg	atggatgtct	180
aagaattgaa	gattgatttt	tgcctaataa	caataaagtc	atcactaagt	taaatatcta	240
taaattaaat	atctattaaa	tatgtattaa	atatatagta	aatattttaat	tgaatattaa	264
atgcatgtat	attcacaaaa	aaaa				

<210> 581
 <211> 227
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(227)
 <223> n = A,T,C or G

<400> 581						60
ccttgtgaca	ttcctnncct	ggacaatgag	tnccatgata	tnccaccct	gcaccttgag	120
acctctgccc	ctgcccgcag	ganataacca	antttaactg	taattttcna	ttacctaccc	180
aaatcctata	aaactgcccc	actcctatct	centttgctg	aatnctttct	cggactcagc	227
ccacttgenc	ccaagtgaat	aaacagcctt	gttgctcaca	aaaaaaa		

<210> 582
 <211> 288
 <212> DNA
 <213> homo sapiens

<400> 582						60
gtcttcctta	atatatgtca	gcagtggagt	ggtgtgctta	aggagagaga	gacttggaag	

aatacagacc	gagaacaagg	ccatgtggag	atagaggcag	agactgaagt	tgtaccacca	120
aaggcaaa	atatcaagta	ttatcagtaa	ccacaggaag	ctggaagagg	ccaggaaagg	180
tttttcttag	agaccttgga	aggagcctga	ccctggaaca	ccttgatttt	agacttctga	240
ccctcaaaat	tgtgaaagaa	taaatttctg	ttgttttaag	caaaaaaa		288

<210> 583
 <211> 104
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(104)
 <223> n = A,T,C or G

<400> 583						
agtgtgggtc	ctttcccgcg	actacctgct	tgctctctct	aaaacctgca	agtgaaagtg	60
ccggaagatc	tgncatatnt	tttngngggg	ccagaacccc	aagg		104

<210> 584
 <211> 522
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(522)
 <223> n = A,T,C or G

<400> 584						
gaaccaattc	caatgcacag	cttccagggg	tgagcaatgg	aggacagaat	ggaatagagc	60
aggaactaag	caaggatgct	aatgcaagat	atagccgggt	caggcgattc	tcctgcctcg	120
gcctcccaag	tagctgggac	tacagatgcg	cgccaccaca	cccagctaata	ttttgtattt	180
ttagaagaga	tgggggtttca	ccatggtggc	catgctggtc	tcgaactcct	gacctcaggt	240
gatccaccga	acttggccta	ccaaagtgg	gggattacag	gtgtgagcca	ctgtgcctgg	300
ccttgtgcct	gcttatttat	ctgaagataa	tcacctcaac	ttccatccat	gtagctgcaa	360
ataatgtgat	ttcattcttt	ttacggctaa	tattccattg	tgtatatata	ccacattttc	420
tttatccagc	catccattga	tgaacacaag	tagaatctgg	gctttgcttc	tgngaataagg	480
ctgccataaa	catgagaagg	ccgatatcaa	aaacccatt	aa		522

<210> 585
 <211> 332
 <212> DNA
 <213> homo sapiens

<400> 585						
gagtttcaag	caccgacttt	ctggaactgt	aaagtaagcc	aattttgacg	catagtaggg	60
gcttcgtaaa	tgtttctgca	atgctgtttg	cgaatcttga	acttattctg	gcggtagagg	120
gagagtggga	tgggcgagc	gtccctttta	aagaagggtc	aaaagagaga	ggaaatggga	180
ctcggcgaa	ttccgcttta	aataatcgct	cttaattagg	tctcgggctt	ttcagtttcg	240
gcgtgattat	aacccttcag	ggatcgcccta	ataacaactc	tgctgactgc	tcctgtaatt	300
aactcctaata	ttattttcaaa	caggaaaaaa	aa			332

<210> 586
 <211> 465
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 586
cactcagtggt cttgtatgcc anagtnatgn catgctcctg ccggcatcaa cctgaggagc 60
tctccctggc ctccctctgcc agctgttatn tgcctgcatc aaacctnacn gttccctcatg 120
tcattctgctc tgnnggatgag ggccancttc ncagaactcc ggaaatcacc agcaggtggn 180
agttngnttt ggaaaccaca ttnaacacaa agtcttgccct ccctcncctgg atgtcttggc 240
aacacatctg ggacttgacn caaagcnaat taaanggccca gnggtcttgg atatatttta 300
gnagacacnt atnaagtant ttgnacattc ccttgaaatg gagctantga accctttgtn 360
atnnaatttt nctnntgacg ctnttatatta atnggntncc cctangtggt ggtgnttttn 420
aaaaatcaga agaagcccac ttncgnggna atccaatata atagt 465

<210> 587
<211> 116
<212> DNA
<213> homo sapiens

<400> 587
gcaggggcat ccagtgggtc aaggttacaa taagctgtga tcgtgccact gcattctacc 60
tgggatgaca gagtgggacc ctgtgccaca gagtgaagacc ctgtctcaaa aaaaaa 116

<210> 588
<211> 103
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 588
tggtgaattc cagaattgat tggcctacca ttggcactgg attacnggtn atgncattgn 60
actggnctcat nttncctntn aacttacctg gtgccacttg gaa 103

<210> 589
<211> 162
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 589
gtaaaaacta agccaaaatg gtncanggac ncacacccgg gatgtcattc ntttgtaatt 60
ttgggattna ngaacttcat ttntgggtgt nggcaaaaaca actggctttt ggcattgatt 120
tatgatttcc cttggattat gcaaagnaaa aaatgaaacc cc 162

<210> 590
<211> 524
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 590
ggcctcactc tatcacctag gcaggagtgc aagtgatgtg atcaccacgg ctccctgtag 60
cctcgacctc ccagggtcaa gtgacccctc cacctcagcc tcccaagaag ctgggaccac 120
agcctgggtg gaggtccatg tggtagggct gtaagccctg caacacgcgc atgagtgaat 180
ttggggagtga ttccccaacg tcatccttcg gatgagacca cagccctgcc tgacagctgg 240

atgtagcctc	atgaagaact	gctgagctgc	agccacactt	ctgccccac	agcaatgccc	300
ggctcaagaa	catatgccag	ccgtcaagtt	gtgcaaccag	caccaatttc	tnctgccaaag	360
ccaagaacct	ncttactttc	caccttattt	tcnggcactt	tncaanaccc	ttttttantc	420
cnggggggtt	naaancctnt	ttgntcctca	cgaggctntt	ccacgcttat	cctgggctaaa	480
acatttttta	tccccctgatg	gcctcaccct	ccacaggccg	ggcc		524

<210> 591
 <211> 254
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 591						
gacaacattc	ttccctttat	ggttccattt	aagcntctnc	tnaaaactct	gnncactttc	60
tggtganccc	tttgcggtg	gggttaagaa	tnctggaaa	gtgatctngg	gaccacaagc	120
ttttttgaag	cttggaata	aanccggctg	gaagncgcct	ttaaccttcg	tgngccttc	180
caaaataaag	aaccngccat	ggggggnntg	gcgantggaa	agaataatnc	cncnttccct	240
ccctccttaa	aacc					254

<210> 592
 <211> 525
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 592						
gtgggttggtc	tcccccgcat	caaggttgct	aagctgctgt	gatggaatcc	tggagctgct	60
gaaggacacc	tcattctctt	gtgggaagca	tctgcttgag	gattaaggga	atgcagaaaa	120
aaagtggagt	agagagatgg	aggaagatga	ctttcgagga	cattgtgtga	gcacctggat	180
ctaactgtgc	ctgaagcaaa	acacaaaccc	tggaactctca	atgtattggc	tctcagttcc	240
aagacccaat	aaattccttc	ttagcttaaa	atgctttgct	caaattgtctg	ttacttccac	300
caaatgtggt	ttaatacaga	aagctcttg	gggtcctaat	aacagaaagg	gaagctatat	360
gagaagctga	gggaagctaa	ggagaggaac	agaagtgata	cagcaggggtg	tggtggctca	420
cgcttgtaat	cccaggtctt	tgagaagctg	aggtgggtgga	tcacttgang	gcangagttc	480
nagaccacct	gctaacatgg	tgaaacccca	tctctcccaa	aaaaa		525

<210> 593
 <211> 344
 <212> DNA
 <213> homo sapiens

<400> 593						
aagttccagg	ggctaaacgt	gaatcttgag	tcagacagac	caagcttgga	gacccagctg	60
caaaaattcca	gagataactt	caaggtggct	agtcaacaac	ccagccatcg	ttgagacgat	120
gccagcctgc	tttccacctg	gactgggacc	caagacagct	accagaacaa	gaaatacaga	180
cactgtactc	agcataatth	ttacatgcct	tccataccat	gttttctctt	tttaaaacct	240
tgcttgccc	ctaaaattca	aagtagttgc	gttggtggg	aatctggcca	ctttcctatt	300
attacttttg	gctaataaag	taactttctt	tttaccaaaa	aaaa		344

<210> 594
 <211> 293
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 594
 tattgcatct gcgacatgg atttcaantc acacctgcag tncnagcact ttggggagggc 60
 caaggtggng cgggatcaca aggggtccccg gagagaacaa aaacagagag gtaactatgg 120
 tcaagctatc tggctggaat cttgggggaca caattattcc tctcctgnnn tngaacaaca 180
 acttnagggn ccccnncett naaacnncag gacttcttgn nctctnctcc anccctttct 240
 gggtttcntc aggcctttgg cctttgaact gagacantga atctttttcca agg 293

<210> 595
 <211> 567
 <212> DNA
 <213> homo sapiens

<400> 595
 gcccaagacc acatcgctgt gcaggaagtg gccgagccgg gggcatgaaa ccagctgctg 60
 caccctggga gtagcagtga tctccccact ccacattcaa cccaccagcg aggcctatcc 120
 tgtctacctc caaaagccac ccccgatcca ggccgcagcc ccagcccaga ccccttctc 180
 ctgagccatt gccatgaatc acctgggcca cgcctggagt ttcccgacag gtcccctgct 240
 ttcaactcctg acagccacca gagaggtctt taaaacacat atactggccg ggcgagtggt 300
 ctacgcccc ccatcccagc actttgggag gcctgacagc agaagcattg ccatcccgga 360
 caagccccctc attctaaaag ttcaccttaa taaaagaccg ctaaatacaa agggatatcaa 420
 gcctaacagc taagatcaag catgaccata aaccacaaat agcatctcca gccagaaaca 480
 tcgcaaactc ctcccccaacc agagacatgc cagccccgag ataacccccc ttcgggcccg 540
 gaagatgtct ggcccaagat aaccttc 567

<210> 596
 <211> 325
 <212> DNA
 <213> homo sapiens

<400> 596
 gggcatcagc catgaatggc aggtcacagg atcctcattc cagaggtgcc cgccccatat 60
 ccagaggaaa gaaacatctt taactctgaa gacacagga tacagaagaa tctgaacaaa 120
 cagccttgct aaattctccc cagtttattc ccattagatc acaccactt tatccaatta 180
 tattttctcca tgactgtcca gtcttctcctc aacttaagca taaaaatata caaagtttac 240
 ctatttcttt aggtcttcaa tttctcataa gtctcctgtg tcatgtaaaa cttatatata 300
 atagatttgt atgcttaaaaa aaaaa 325

<210> 597
 <211> 555
 <212> DNA
 <213> homo sapiens

<400> 597
 aattctgccc caacattatc tggggagccc cccagatgc tccagggaga ctgtgaagac 60
 cctcaggctc cccgacgcct cgtgtgctcc ttctgtcagg gtgtttgaac cagagcaacg 120
 ccatcttgaa taggggctgg gtaaagtaag gctgagacct actgggctgc attcccagac 180
 gattaaggta ttctgagtc caggatgaca caggaggctg gcacaagata caggccataa 240
 agaccttgct gataaaaacag gttgcagtaa agaagccggg caaaaaccac caaaaccaag 300
 atggcgacga gactgacctc tggctcgtccc cactgctacg ctcccaccag caccatgaca 360
 gggttacagat gccatgacaa tgacagaaag ttaccctcta ggatttaaaa gggggaggca 420
 tgaataactc cacccttgtt ttggcatatc atcaagtaat agctataaaa atgggcaacc 480
 aggctgggtg cgggtggctca cgcctgtaat cccagcactt tgggaggtca aaagcaagcg 540
 gatcaactga ggtca 555

<210> 598
 <211> 172
 <212> DNA
 <213> homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(172)
<223> n = A,T,C or G

<400> 598
cttcttttaaa aagtgnacgc aacgggggtan gntaaccttg tncnancgat nggntntcct      60
ngcaaacatc gattnnaaac accangatng cnnnacattt gggattgtaa cccaaacata      120
atccaagcgg gatgagccca cgactttaac caccaattgc gctggacttg gc              172

<210> 599
<211> 257
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(257)
<223> n = A,T,C or G

<400> 599
gaaaaagaga gaagcaacca atattccaaa tgttctttca gnggtgttac tatatccaca      60
atgttgggca accatcacca ccatttccaa aattttttgt caccacagtgc agaaactgtg      120
taaccattaa gcaataactc tccattcctc ccttccccag cctctgcata aagtcttcaa      180
ggttcatcaa tgttgcagca tgtatcanaa ctttgttcct tttatgacgg aataatattc      240
cattgtaagc aaaaaaa              257

<210> 600
<211> 181
<212> DNA
<213> homo sapiens

<400> 600
ctgacgtgat tgttccctgc gactcaagtg ggaattctct gaatgctgat gaaggaaaaa      60
cgaaaggact gaggactcct ggggggaaaga gacttaagtc cataccacat aaaagacatt      120
gtttaaaagg ggggtgaagg aaaaatataa ccaagaattt gggtttttcc ttaaaaaaaa      180
a                                  181

<210> 601
<211> 351
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(351)
<223> n = A,T,C or G

<400> 601
ggacatacat gagtgcctaa agatgattct ttggncagca tgtgatnaaa agaatgaaga      60
cactggggaa gtggggagcn gaagcggatg tgggcccaag aggaaaaacg ctcccgggtg      120
gtgggttggc tgcccactac ctnattncca tcaatggaca atggntggga naaaaagcct      180
cegtgactgt atcacggaac antctccact ccaggttatg gatncaactgt tgggcagttc      240
tacactgntn acatccggat gccnattctg ccancnaatn catntgaatc tatctctctc      300
tccggctgan taactctang ggtcncnca tgtctaacat gtggttgtgt g              351

<210> 602
<211> 596
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature

```

<222> (1)...(596)
 <223> n = A,T,C or G

<400> 602
 agggaaaaact gatgccacac tcagagcagg actgaggcct ctcacctgta tgcgtgtgcc 60
 tatgaatggc caaggaggcc tntttgtgac acgcaccaca cacagtcaaa gcaccagtag 120
 ggcttctctc ctgcatggat aagctggtgc tggagcaagt ttcccagta gcaaggggag 180
 tgccacactg taggcagtgg tggcagtgc caccgaagt catgtgcctg gtggtggcca 240
 caaggaggag gaatgcaaac tggcaccac atctgtgcgc acatccgcat atgtgcgtgg 300
 acagcgccct cctcaggtgn aagaggtggc tgcagtcgga gcccttgag agctcgtccc 360
 ctgtgtgggg gcagctggtg ctggaccacg ctccaaatgt tcctatagat aactacaagg 420
 aacaactgca cctggtgtgt gactgtcctc aacattcctt ctggnggcaa acgcaattgt 480
 caacttgcca acatccttgc atttatgaaa acaagntggg tggttgctca tatancctcc 540
 agtgggtatac tgagtggcac cancctant ttttggcctc caaatctccc cttttt 596

<210> 603
 <211> 342
 <212> DNA
 <213> homo sapiens

<400> 603
 gatagcatca ttgactggac ttgcttcatt actatggcct tgcagaatgg atcaacctca 60
 gtagcccta ttacaaaaga cccacactt gatggatcag ctgtcactac acagagcgat 120
 aaactggctc atctggtctt gtggtcctca cgcaggaact gactcagctc aagagaaaag 180
 cttcaactcc ctatgatttc atctttgacc cgaccaacca gagctcctga ctcaccacc 240
 cactaccac caaattatcc ttaagaactc tgatccctga atgctcggga aattcatttg 300
 agtaaaaata aaactccagt ctctgtaca gccaaaaaaa aa 342

<210> 604
 <211> 531
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(531)
 <223> n = A,T,C or G

<400> 604
 tgcccctctc agagagtaga aagcaaagaa attgaaagac atggaaagaa ctaggcgggg 60
 accagcactc ggccttaata accagttcac tgagatgatg gagtttcgct cttgttgccc 120
 aggtggaggt gcaacggctc acctcaacct ccacctcca anttcaagca attctcctgc 180
 ctcagcctcc catagctggg attacaggca tgctccacca cgcccagcta attttttttt 240
 tgnaatttta gaanagacgg gatttctcca tggttggcag gctgggtctca ggtgatccac 300
 ccaccttggc ctcccaaagg gctgggatta caggngngag ctacctgtc cgacatgcta 360
 ttttttttat aatgagngag ttctcacgat attcgatagt tttataaggg gcttttcccc 420
 cttttgntna ncacttttct tgntgccacc atgtatttgc ttnccttcc ccacaatttg 480
 gaagttnctg gggcccccca ntttgnggna ctgggagtaa ataaaccctt t 531

<210> 605
 <211> 328
 <212> DNA
 <213> homo sapiens

<400> 605
 acctgtaact tcagcctgga gttgagcaag aaacatggct tccttgtctt caagtcattc 60
 ttgggcttca gagcgaagat gctggacctt tgaaccaaca agcaggttac tggtagcttt 120
 gccctgagaa tacgctgggt gtgcttgggt ctgcagtgtt taccocgaga taactttgcc 180
 atgaagtatc ttctttttat tattttttca tcgctctagt atatcgactt tggaaacaaa 240
 agacatcact ctatttagag cattcctttc ttagtagtgg tatttccatt gacaaaaaaa 300
 tagtaattct gaattgccga aaaaaaaa 328

<210> 606


```

<211> 342
<212> DNA
<213> homo sapiens

<400> 606
gatagcatca ttgactggac ttgcttcatt actatggctt tgcagaatgg atcaacctca      60
ggtagcccta ttacaaaaga cccacacatt gatggatcag ctgtcactgc acagagcgat      120
aaactggctc atctggtctt gtggtcctca cgcaggaact gactcagctc aagagaaaag      180
cttcaactcc ctatgatttc atctttgacc cgaccaacca gagctcctga ctcaccacc      240
cactaccac caaattatcc ttaagaactc tgatccctga atgctcggga aattcatttg      300
agtaaaaata aaactccagt ctctgtaca gccaaaaaaa aa      342

<210> 607
<211> 322
<212> DNA
<213> homo sapiens

<400> 607
agggcgaggc caggtgtacg ggatggaaca tgagagcgga ccaggagcgt gaccgctgca      60
ctgacgcttc cgctagacca cagtctgctc ggcgacgggt gtcttcccag atgctggcat      120
caccgctaga ccaaggagcc ctctgggtggc cctgtccggg catgacagaa ggctcacgca      180
cttgcccttg agtcacttg cactcaccat gtcccttcag ctccatctc tgtatggcct      240
ggtttttctt acgttatgat tgtagagcga ggattattat aatattggaa taaagagtaa      300
ttgctacaaa ctgaaaaaaa aa      322

<210> 608
<211> 435
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

<400> 608
gcgctaatta agcacgttgc gaacgcaagg agtgctcacc ctggcgccgc cgcccggttt      60
ccagcgcgag gactcgaggg cgcgcggttc ctctttgcta actgcaggat ggagccgatc      120
ccctcaggat gtttcccctg ttctcgacaa cgaccgtgca gagcgcacca gcgcgagcgg      180
ggcttcctcg agtctccaag gcccgggctt caacttcccg ggtctagacg tcagccctga      240
accgccaaca gcaccggatt ggggagaagg aaagaagggc attggtagtt cggngtngn      300
nggtgtngtn acgccganga nctnnnggnt ggggggaagt ggcccctggt tgaacgtgtg      360
tattgnntna ccttacaanc ccaatttaat tngggaaaat aaagataaat cgatctttat      420
gaatttaaaa aaaaaa      435

<210> 609
<211> 206
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(206)
<223> n = A,T,C or G

<400> 609
aagacagatt gaactccctg ngatttcatt tctngctaata cagcactgnt ggntcactgg      60
nnttccccac ccaccaagtn atccttaaaa actctgntnt ggaatgcncg gggagaanga      120
nntgantaac aataaaactn ccactctgct cagcaaaaac caanccttgt ccccgatgc      180
ccaagctcc cttgttgccc ctaatg      206

<210> 610
<211> 289

```

```

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 610
tgctggcttg aaacttacaa ccctggaccg tgatgntggt tgctgcacan aataactgct      60
tctacncngn gntactgtga ctgattaggg ggaaagcttg aacttgacng tcncaaanac      120
tnttggcctg aacncntttt aganaaggaa cnggttaacc ccccccaacn gaattattta      180
aaaccagtcc atgatttgga atcgtgggcc aatactttct gggccccaga nagagaaaaa      240
agggtgggcc cccctactc naagggggcca ctcatTTTct tccaaaaaa      289

<210> 611
<211> 456
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(456)
<223> n = A,T,C or G

<400> 611
gtgggggtctt tcaagcctaa gcctacgcag tgtcagcaag atcaatctca ctgtcatccc      60
ctccacatct tgtcccactg gaagggttcag gcaataacac acgtgcagct gtcctctoct      120
atggtaacag tgccttcttc tggaattcct cctgagggac ctgcccaagg ttgtttttca      180
ggtgtcagcc ggattggatt gaaggatgcc tagatagctg gttaaagtgtt gtttctggct      240
gtgtctgtga cgggtgttgc agaggagact gacatttgac tcagtggact gggcgaagaa      300
gacccatcct cgggtgtggg gggcaccatc caatggctgc cagagcgaag tanaacaaaa      360
cagcttagaa naaggggggg taagctgctt gctgtgttcg gctttcattt ttctcccgctg      420
ctggatgctt ccttcgttcc tcctgccctt ggacat      456

<210> 612
<211> 155
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 612
cctgatggag agaagaaggc atatgttcna ctggctnttt nttaccatgc tttgganggg      60
gccaaaggaa nncctatcga gcaagctgaa gcccaggta agtaccanc tnnaataggc      120
naatTTTTTT gntTTTTTncc cgggaaaaaa aacta      155

<210> 613
<211> 260
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 613
tgagcacaaa ctccacaaa agtanttcc acccgngac ttccccactg gcaactaatat      60
ggtgtcctcc ctctaaggag cccgagacac ttccgccctt ctcagaagtg acttccgtcc      120

```

agctcggcat	ggcggcagtc	actgccgtca	cttagtcgcc	gatcaaggct	tggaactaagg	180
gccccacggtc	actcgagtag	gacttggatc	ggatgctgaa	taaaactcac	cgtgaagcaa	240
gtcccactga	aaaaaaaaaa					260

<210> 614
 <211> 558
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(558)
 <223> n = A,T,C or G

<400> 614						
gagcaggaga	atctgggaaa	agtnctattg	ntaaacaaat	gaagatcatc	cataggggaat	60
ggttacagtg	agcaagaatg	catggagttc	aaagcagtaa	tttacagtaa	tacattgcaa	120
tccatcctan	ctattgggaa	agccatgact	ncccttggaa	ttgattatgt	naatcccaga	180
agtgcanagg	accaacgacn	actttatgcn	atggcannta	ccctgganga	nggtggcatg	240
acacctcaac	tggnrtgaggt	aataaaaacgg	ntgtggagag	atccangaat	tcaggcctgc	300
tttgaaaggg	catntgaata	tcancctcaat	gactcagcag	cttactacct	taatgattta	360
gatagaataa	cagcgtctgg	gtatgtgcca	aatgaacaag	atgttctcca	ttctcgagtg	420
aaaacgactg	gaatcattga	aactcaattc	ttctttaaag	acttgcactt	caggatgntt	480
gatgtngngn	gacagagatc	tgaaagaaa	aagtggattc	ctgctttgaa	ggaattacat	540
gcattatatt	ttgggctc					558

<210> 615
 <211> 463
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 615						
ggagtcctta	aacctgtgaa	ttacagcana	gagtatggac	acaccanagg	tttactgctg	60
tggaacagag	ttcaagggtt	ctggctgatt	cattccatcc	ctcantttcc	tccaattccg	120
gaagaaggct	atgattatcc	acccacaggg	agacgaaatg	gacaaagtgg	catctgcata	180
actttcaagt	acaaccagta	tgaggcaata	gattctcagc	tcttggtctg	caaccccaac	240
gtctatagct	gctccatccc	agccaccttt	caccaggagc	tcattcacat	gccccagctg	300
tgcaccaggg	ccagctcatc	aagagattcc	tggcaggctt	ctcaacacac	tttnagtcgg	360
gccaaggaca	aaaaattcct	ncatttttga	aagtcngatt	cttttnttga	cgacatcttt	420
gcagcctgga	tggtcacaag	gctggaagac	cccttggtac	aat		463

<210> 616
 <211> 271
 <212> DNA
 <213> homo sapiens

<400> 616						
ggtggacatc	cagcccaaac	ctgaaggcca	gagacccagg	ggagccaatg	gcgacaatct	60
ccatctgagc	cagagggcct	aacaataggg	agtaccagtg	tctgaggaca	ggaggagatg	120
gatgtcctgg	ctccagcgga	gatctgtgag	atctaaaaag	gaaaacacct	gtgttctggg	180
agaaccagaa	gccatctcca	taactgagcc	atcgtctgac	tagtgtgaca	aggaggactt	240
gaggtggact	tgtatatatta	actgggtcca	a			271

<210> 617
 <211> 275
 <212> DNA
 <213> homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 617
catggttccc ccaggaggaa tacacagatg ctttctcttc tgagctctgg ccngnncnac      60
agnagcctnn annttgatac ccaccnnaaa acaacctggg caacaggaaa cttcctgcaa      120
aatatcgagc acttggtctg aagtacaagt attgtgagca ngaactgnga acactttgtc      180
accgattttt gnttcittan ctgcttgntc ggccctgggt cctgagctgn cttgcaaaaa      240
cccactggct atggaagcct acacactggc tttct                                     275

<210> 618
<211> 171
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 618
tatactccac ctatcatatc ntgnatccca acnttggttg cgagtgacca ttacaangnn      60
ncccntgggg tacacaagat tntgtgaaga ctacaaancc ctccaggata tattgccatc      120
ctgggtgtgg atnaactttc tagaggaang acangttaga ccggcccgcga c              171

<210> 619
<211> 343
<212> DNA
<213> homo sapiens

<400> 619
acagtgtcca ttagtttttct ctaaaaccaa tgggaaatta gcatcctttc acttcctgcc      60
ctgtaactcc ggccagagct tcctctgaaa gatttccatg aacaacagaa atgtcacccc      120
cagccttttc gaaaacacac ccactctgaa gtacacagtg atgccgccac ctcctgtgca      180
tagaaatgta aaaaaggaga gaatgtaaga gtatgtgcaa aactgaaagc acacttgcat      240
gaagatgggt attttcccggt ttcccaaata ttttatatca gtgattatat ttatgtcaat      300
caattagata actagcttag ctttatgaca tatgctatta ata                        343

<210> 620
<211> 175
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G

<400> 620
cctgcggcct aaaaaaacac angccatgcg ccatacctct ntcaacctcg aggnnaaccn      60
tggagaccag gaggcatac cggcaaggag ccggtgtgcc cccttgggga ggttcgcngg      120
gcaaggcctg aaggggcgca ttgtcaataa agcacagggt gcttgagaaa aaaaa          175

<210> 621
<211> 172
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(172)

```

<223> n = A,T,C or G

<400> 621

acaggaggaa	actatggctg	atctgggtcat	tttactggca	aaaatttnng	caaatgnggg	60
ggtgtccctt	ntncccttta	caggtgggcc	aantggnta	tacatttcac	ctaacatatg	120
gnaaatgttc	ctactgttgg	cctttcctga	cctntgtcca	ttcaactaag	gc	172

<210> 622

<211> 421

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(421)

<223> n = A,T,C or G

<400> 622

ttgggagtat	gagcantgat	acatcctggg	aaaagaacta	acganntctt	ngttctcgat	60
tcacgaattg	anggactnna	cnnntancnt	tgccgangcc	cctacnnttg	acgtnggggt	120
ttgtcatctt	ctggcngacc	gtgcgaagtn	tgctgcccc	caanaccaag	cganatctct	180
gtgaccangg	taaatggng	gngtttgacc	ggcatcccac	ncgcctacga	caanaaaaaa	240
ccgatgggtg	gtcctncccc	ctcactgtca	agnngtggaa	gncgtcaagn	aaaattttcn	300
aaaagnatgc	cggcncgttg	tacattgntt	tgttactgaa	aatattctaa	gngctgacaa	360
tcttggnngg	ctgtattcca	aaaactttga	cccgtacnta	anaagagcat	aattaaaaaa	420
a						421

<210> 623

<211> 571

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(571)

<223> n = A,T,C or G

<400> 623

caaaactacag	ggctcctttg	atgtcacgtg	tcaagggcat	cagcatttcg	gtcaacctcc	60
tggtgggcag	cgagtcctcc	gggaggccca	cagttactgc	ctccagctgc	agcagtgaca	120
tcgctgacgt	ggaggtggac	atgtcgggag	acttggggtg	gctggtgaac	ctcttccaca	180
accagattga	gtccaagttc	cagaaagtac	tggaagcag	gatttgcgaa	atgatccaga	240
aatcgggtgtc	ctccgatcta	cagccttata	tccaaactct	gccagttaca	acagagattg	300
acagtttcgc	cgacattgat	tatagcttag	tggaagcccc	tcgggcaaca	gccagatgc	360
tggaagtgat	gtttaagggt	gaaatctttc	atcgtaacca	ccgttctcca	gttacctcc	420
ttgcttgacg	tcattgagcct	tctgaggaac	acaacaaaat	ggctactttg	ccatctcgga	480
ttatgtcttc	aacacngcca	gcctgggtta	tcattgaagaa	agatatctga	acttcttcca	540
tcacaaatga	catgatcccc	gcctgactct	t			571

<210> 624

<211> 126

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 624

ctcccaacct	tttgagcaa	ggttcagccc	tggtttaagg	tccaagcttg	aattggccaa	60
attcttttgc	tttttaccct	ggaagnaaat	actcataagc	caccttttgt	tattttacc	120
ccaaat						126

<400> 628

gcgtgaaaga	cgctgaacaa	atccctgtca	gctgcacag	tgtctttgtn	ananatanc	60
agaacccttt	tgagcangtt	cagcctggtt	aagnccaagc	tgaatnnttt	ngtttttnac	120
cttggangaa	atncttatta	ggcccccnttt	gtatttntcc	cccaaagttt	aannaaaaaa	180
cgggnggaaa	ctgaaagcag	gtgtccagca	cttctgcatg	ccannctgnt	tcttnnanga	240
aaaagctggg	aagntcattc	cttagcttnt	acaanttggtg	ggggtccccc	aaatnctttg	300
ggaggncctgn	tnananantc	tttttgaggg	ggaaggtttt	ttaaaaaaa	tgggggaatt	360
gcccccaaan	ccnacaattg	cnnganccaa	gggnggattg	gaaaatttgg	gcaccaggaa	420
acancceaaa	ngggattggg	aggcctngaa	aanattcatt	gcccttgggg	cttggtctntc	480
ccccacaaat	tccccc					496

<210> 629

<211> 152

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(152)

<223> n = A,T,C or G

<400> 629

cccttttgag	caagttcagc	ctgggttaagn	ccaaagctga	aattcgcggc	cgctagggcc	60
acgcggccgn	ngaaattctt	tttgcttttt	acccttggga	agaaatactt	cataaagccc	120
accctcttgt	tatttttacc	ccccaaattc	tt			152

<210> 630

<211> 394

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(394)

<223> n = A,T,C or G

<400> 630

tcaatagaag	cctccactaa	ttgtcctccc	cactggaaca	ccanattgaa	caactatcca	60
cacaaagaag	caccttcgta	agaacccaaaa	atcaggtgcc	agacagaaaag	tcattctctt	120
gctcaactga	gacaaatgca	gattcattga	gccagactaa	ggcataagtg	actattcctc	180
tatgttcccc	aacatgtaaa	ttgtggattc	agtgaaggc	tgattgaaga	gtcagaagaa	240
tgtaactttt	tgtctcttat	ctacctggaa	ccacacctta	tctacctgga	actgtccctc	300
cccgcccccc	caatcctgcc	ctgttttgag	ttgtcctgcc	tttctggacc	aaatcaatgc	360
acatcttaca	catattggat	ggaggctcaa	atct			394

<210> 631

<211> 107

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(107)

<223> n = A,T,C or G

<400> 631

ttcagcctgg	gttaagttcc	aagctgaatc	ttttgcgttt	taccctggaa	gaaataactca	60
taaagccacc	tctgttatnt	tacccccann	tcttcacaag	gaaaaaac		107

<210> 632

<211> 132

<212> DNA

<213> homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 632
cacccttttg gagcaaagtt caagcctggt taagtccaag cttgaattct tttgcntttt      60
accctggaaa gaaatactca taagccacct cttgnnttatt ttacccccan tcttcacaag      120
gaaaaactgt tt                                     132

<210> 633
<211> 196
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

<400> 633
ccttttgagc aagttcagcc tgggtaagtc caagctgaat tctgcgggcg ctnggccacg      60
ctggcctaag cgggccgnna annntntttt gggtttttta cccttgggaa aaaaatnnct      120
tnnnaaaccc cnccttgtnt ttttttcacc cncctcnttt ntcaagnaaa aaactgctgg      180
ngccttttat tattat                                     196

<210> 634
<211> 189
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 634
gcccaagctg aaactganat agantgggcc cttttgagca agntcagcct gggttaagtcc      60
aagctgaatt ccngggggcg tngggcanc tggncatcgc gccgngaata ntttnngttt      120
ttncctcnggg gggaaatact ttataagccn ccctttgttt tttnaccccc nttttttcac      180
aaaaaaaaat                                     189

<210> 635
<211> 359
<212> DNA
<213> homo sapiens

<400> 635
actcatcatg caatcagaag gttgaggaga gatgccatgc tgatctgaac tgcagcaggg      60
ttcactctga gcacgtccct gtggatgagg tcaccttaga tgcttgctcg agcaatcatc      120
ctccaacctg tgactgaagc aggaactcaa ctggatgtct ctcacccact attcacatct      180
tcaatgacta acaggccatt aactgcacaa ctacagtgtc aaacatttat tttactaagt      240
ctcctgtagt gtaaccatta actacctgca ttttgacttt tcaaaagagc ttcattagct      300
gctggaatct ttctgagacc tgaaaattta aaaatgaatg ttaattacca ataaaaaaa      359

<210> 636
<211> 207
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(207)

```


<223> n = A,T,C or G

<400> 636		
tggttagactt	gggactacct	gcttaatcag
ccagagnctc	taggccacgt	ggncctagcag
nactgnactt	gctgaagcnn	tgncctgcttn
tccaagctna	attcgcggcc	gttaggc
		60
		120
		180
		207

<210> 637

<211> 189

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(189)

<223> n = A,T,C or G

<400> 637		
gtggttaaagc	aggcttgagg	atctcgctca
gactctaate	tcatgncttc	ccnttcgagc
gagaantctt	ttgnntttta	ccctggaaga
ccccaaaaag		
		60
		120
		180
		189

<210> 638

<211> 178

<212> DNA

<213> homo sapiens

<400> 638		
ctgggtcttga	actcctggac	tcaagtgatc
ttacagatgt	gagccactgc	aaccctcttc
cttagaacia	gggagggaaa	tccgctggaa
		60
		120
		178

<210> 639

<211> 301

<212> DNA

<213> homo sapiens

<400> 639		
gctggagtgc	agtgcattgc	agcaggctcc
ctcttgagta	cctgggacca	cagggtgctca
ataaagacia	ggtcttggtta	cggtgcccag
cctcccacct	cagggctccc	aaagtgatgg
agattgtaag	atttttaatg	tactttaata
a		
		60
		120
		180
		240
		300
		301

<210> 640

<211> 321

<212> DNA

<213> homo sapiens

<400> 640		
accaagaaat	tctcgagtgc	tcttcagaga
ctgacacca	agagtgaagc	agaggaagat
tgaagatggt	ggcagagatg	ggactgatga
cgattctccc	ctggagcatc	tggaagaaca
tgaaatgaat	attgaacaga	atcctgtccc
ttgttttaag	ccaaaaaaaa	a
		60
		120
		180
		240
		300
		321

<210> 641

<211> 326

<212> DNA

<213> homo sapiens

<400> 641

aactgagagg	gaagatggga	cagaatggac	aagagcctgt	aaaacagcca	ggggtaggaa	60
gtaggactag	cagacactga	agctaaaact	caggtaatgg	gagaaatcaa	gattgcattg	120
aagaaggaaa	tgaagacaga	tggtgaacaa	ctaatagttg	aaattctcca	atgcagaaat	180
attacataca	aattttaagtc	tcctgatcat	ctaccagatt	tatatgtgaa	aatatatgtg	240
atgaatattt	ctacccaaaa	aaggtgatca	agaaaaacaa	gagtatgcag	acatgatcga	300
gagccttcgt	ttaatgaaac	tttgcc				326

<210> 642

<211> 312

<212> DNA

<213> homo sapiens

<400> 642

gatcgaggcc	atcaagctac	agatgggtctt	acaaatggaa	ccccaatga	gctcaactaa	60
cttctactga	ggacccctgg	accaaactgc	tggccctttg	actggcctaa	agagttcccc	120
tctagaggac	actacaactg	cagggaccct	tctttgcccc	tatccagcag	gaagtagcta	180
gaatgggtcat	caccaattcc	cagtagcagt	tgggggtgttc	cgtttagagg	gtgggttgag	240
aggtgaagcc	agctggattt	cctggataag	tgggggacttg	gagaactttt	ctgtctagct	300
aaaggactgt	aa					312

<210> 643

<211> 189

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(189)

<223> n = A,T,C or G

<400> 643

cgggtatcgat	cttcaatcaa	cagtactatc	gatttgcttt	gaacgggatc	aattncgccc	60
ccccccctaac	gttactggcc	gaagccgggt	ggaataaggc	cgggtgggaaa	tttnantatn	120
tgntntnggn	caccctaact	ccnccttntg	ctgnaaagtt	gggagggnta	nanggccctc	180
ttttttaag						189

<210> 644

<211> 456

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(456)

<223> n = A,T,C or G

<400> 644

ccccatctgc	tttgatatga	ttgaanaagc	atacatgaca	aaatgtggcc	acagctttttg	60
ctacaagtgt	attcatcatg	agtttggagg	acaataatag	natgtcccaa	gtgtaactat	120
gttgtggaca	atattgacca	tctgtatcct	aatctcttgg	tgaatgaact	cattcttaaa	180
canaagcaaa	gatttgagga	aaagagggttc	aaattggacc	actcagttag	tagcaccaat	240
ggccacaggt	ggcanatatt	tcaagatttg	ttgggaactg	accaacataa	ccttgatttg	300
gccaatgtcn	atcttatgtt	ggagntacta	gtgcacaaca	aaaaacaact	ggtagcnaaa	360
ttacattccc	gcccaactnc	aaatcttatg	gaattcctca	aggttgcaag	aagaaataag	420
aaagagtga	gctgggggnet	accaatctaa	accact			456

<210> 645

<211> 571

<212> DNA

<213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(571)
 <223> n = A,T,C or G

<400> 645
 gaacatatcc tggaggctta gtgaaaccag ctctctcttc ccatcaaattg agaagtctct 60
 gtgtcttcaa atgaaagcca agaaagcaca cccagagtc gaatacaaca aaacatcagg 120
 caatgccttt gaagagcagt tttctttgcc aaccaagggt cggggatcgc ctctagcttc 180
 ccaggacaac cagccacgga tcctgtgggc aggagggctg ccaaggcca gtggaggct 240
 caatttatgg cggcctggg gaggaagcat gcaggaaagg atccagtccg tgatgaatgt 300
 gaggaagaa accgttttac agaaacaagg gaggaagatg taactgatga gcatggggaa 360
 agagaacctt ttgctgaaac agatgaacac acgggggcta ataccaagaa gccagaagat 420
 ctgnaganga tcttactgca aaaagaaaaa ggatgaaaat ggntaanact tgcagcaaac 480
 aaagacaaaa gttnacctgc ttttgagaaa aaaccacttt aaangcagaa ccnggatatn 540
 taccttctct gaagtgtctaa atgtccttga a 571

<210> 646
 <211> 168
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(168)
 <223> n = A,T,C or G

<400> 646
 tttgagcaag ttcaagcctg gttaagtcca agctgaaatt cngcgngccc gctagagcct 60
 angcgggccg cggaattcct ttgctgtttt taccctgggg gaaagnaaaa tactcataan 120
 ccacctnttg tttatttacc cccanattct nacaaaagga aaaaactg 168

<210> 647
 <211> 140
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(140)
 <223> n = A,T,C or G

<400> 647
 ccttcgccat gtaaaccattg ntcattctca cgtgggctgn cctnntgcgc atgctatggc 60
 tgattngtta cccgngcnc cgtggactnt canggaagan atactcataa gcnccctctg 120
 ttatttacc ccaatcttta 140

<210> 648
 <211> 301
 <212> DNA
 <213> homo sapiens

<400> 648
 gctggagtgc agtgcattgc agcaggctcc cccaggctca agcagtcctc ccacctcagc 60
 ctcttgagta cctgggacca cagggtgctca ccaacacacc tagcttggtt ttaatttttt 120
 ataaagacaa ggtcttgta cgttgcccag gttggcttg aattcctggc ctcaagcaat 180
 cctcccacct cagggtctcc aaagtgatgg ggttacagg gtgatccact tcacctagcc 240
 agattgtaag atttttaatg tactttaata aacctttcat tttcccagag cacaaaaaaa 300
 a 301

<210> 649
 <211> 480
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(480)

<223> n = A,T,C or G

<400> 649

ggcaatccct	acatgtgcaa	taatgagtgt	gatgcgagta	cccctgagct	ggcacacccc	60
cctgagctga	tgtttgattt	tgaaggaaga	catccctcca	catttttgga	gtctgccact	120
tggaaggagt	atcccaagcc	tctccaggtt	aacatcactc	tgtcttgagg	caaaaccatt	180
gagctaacag	acaacatagt	tattaccttt	gaatctgggc	gtccagacca	aatgatcctg	240
gagaagtctc	tcgattatgg	acgaacatgg	caagccctat	cagtattatg	ccacagactg	300
cttagatgct	tttcacctgg	atcctaaatc	cgtgaaggat	ttatcacagc	atacgggtctt	360
agaaatcatt	tgacagagaag	agtactcaac	agggtatata	acaaatagca	aaataatcca	420
ctttgaaatc	aaaagacagg	ttngcgtttt	ttgctggacc	tcgcctacgc	aatatggcaa	480

<210> 650

<211> 182

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(182)

<223> n = A,T,C or G

<400> 650

acctaaaaga	actctttggg	cctgaacttt	tcccgattaa	naattcttgg	ggttaaattnc	60
atctgatgaa	cngtngaaaa	aggggggggtc	ccncngaaaa	gnggaaaaaa	ttttgggtcaa	120
ttaactgnng	tcanggaaag	tccctcaaaa	tggggnaagc	cgggtcccgc	cttttaagat	180
tg						182

<210> 651

<211> 462

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 651

atattcatga	tcagaacang	taagaagccc	gtcatggtct	atatccatgg	gggatcttac	60
atggagggca	ccggcaacat	gattgacggc	agcatttttg	caagctacgg	aaacgtcatc	120
gtgatcacca	ttaactaccg	tctggtaata	ctagataatg	tttcataaca	tggtatgtgaa	180
gaattaaatg	aacatccttc	tgtgcacaaa	ttaagattag	aacacgaaga	ttttggggatt	240
cccctcagtt	cctttttataa	attgtatttc	tttggacctg	tcctaaggat	aaccactttt	300
gtgaatctga	ttcattattt	ccttctttta	ttaaggttta	tttcttgcaa	aaatttggca	360
tggaccagc	ataaccccaa	aagaattatn	ttggtccggc	ttctngcttt	tgaacctttt	420
tataaaatan	ggaatcattc	ctatgttcct	tgctacactt	ag		462

<210> 652

<211> 483

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(483)

<223> n = A,T,C or G

```

<400> 652
aactgggggt gcattttttt tgggatggcn tgttcanaat cttggatccc taanttcaan      60
atattggaca tatttaagan ctctggnaat natnctgttt tcacatagcc tagacaactt      120
antatctctc tgctnaattg nnanaaatgc tgnttcattg cgccaaacta aagcntgcgt      180
gactnttcnt ctatgttccc caacatgttn nttntnnatn nngtgaaagg gtgatngnng      240
agggagaann acgtnacttt ttgtctctta tntacctgga accacacctt atctacctgn      300
nactgtgccc ttcccgcnc ccaatnctgg cctgttttgg agttngcctg cctttcttgg      360
anccaaatcc aatgcccac ttacacatat ggagngntgg cntcatatct ccctaanatg      420
tggtaaaaag ngaagctgta ncctgaccac ctaaattctc aaaatccact ttgggggaaag      480
act

```

```

<210> 653
<211> 106
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(106)
<223> n = A,T,C or G

```

```

<400> 653
atggaagaca ggactctcca gncngggaac tgccaaancc ggtccancng ccaacanaat      60
gtgagccatn tcnccatanc tatccaagac ctactttcct gttcta                      106

```

```

<210> 654
<211> 342
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

```

```

<400> 654
ggaatatctt tctccaccac tttctcttan atttatgnga gtcctcatgt ntcangccaa      60
ggcggcgagg ccngaagtta cctctggagt atgaaaatta ncnacaccat tatgaaaagt      120
caaaagaact ttggagggtca aacangtcct gcatttngaa ggctagtgtc accactcacc      180
attaggctat ttaaccccat acttctttaa gntggataag gggatggatg gnataccnng      240
gagatattga aaaancagag gctgacatag taaatncttc ctacangaat caagggttta      300
atncaattgg gttttggggg aaaatatatt ttatatattca aa                      342

```

```

<210> 655
<211> 372
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

```

```

<400> 655
gcgatcttgg ctactgnaa cctccgcttc ccaggnttga nagccnanac tcctgcctna      60
gcctcctgag ctaagcccgg ggattacagg cgccngcca ccaacancca gggattttcc      120
canatgaccc tggccatgca nnggggacac anangcacgg tggccaagan ttctncttc      180
aagccacata anaaangtga atgggcgatt canattcttg ggtgngtgga ctttttcna      240
atgccangn gggangttat anttggccca ccangcaant caccatttgg gtcttgntan      300
tggaagctc tggaaagggg ccccttggca cattcannaa atgggggaaag tgtaccctaa      360
aaaaggggtg gc

```

```

<210> 656

```

```
<211> 311
<212> DNA
<213> homo sapiens
```

<400>	656							
tacttggccg	acgcagntag	aagactaagg	ccagggggcat	tctggatgca	gccacaaaag			60
ctagctctct	gtggcactga	gcaagatcat	ctcagcctct	cctgaactgt	gaccaactgg			120
cttactcaag	ggacttg gat	ctgctgtccc	gacatgatgg	ctagctgcag	cacatnatgc			180
angantaaag	ttcagcctgc	ctcagaccca	ggataaaaac	acatttg gna	cagtctcgct			240
caccctcatt	gcaganacaa	gaantgtntg	ggttgncatg	gaagagaccc	cagagggatg			300
catcacactg	t							311

```
<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G
```

```
<210> 658
<211> 149
<212> DNA
<213> homo sapiens
```

```

<400> 658
ttttgctttt tagggagntt tatngtaacc ccccttttgag caagttcagc ctgggtaagt    60
ccaagctgaa ttcgcggcgc ctaggccagn ggggnctagc ggngcnaatt cttttgctnt    120
tnaccctgga anaaatactc ataaagccc                                     149

```

```
<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G
```

accaattgcc	agtcagaaaa	ttttaaaatc	taccttatga	cctggaagcc	cgccacacca	360
ccagtggagc	aagtcccacc	ttcaccgatt	gaacctgtca	aggcctctga	gcccgaagct	420
caaccattat	cacccctgtg	acttgcacat	ataccgtcca	ngtggcctgc	aggaaccaag	480
aagtctggaa	gcaagccaag	ggaaaancac	agagaagtta	aaacagccag	gttcctggcn	540
taactgggta	actaaaaatt	accacanttt	tactatcgng	aggttcttnc	ctggcctacc	600
taaccgaatc	aatcgaa					617

<210> 660

<211> 474

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(474)

<223> n = A,T,C or G

<400> 660

aggagttttc	ttagacacca	tccttccccg	tcaagatgac	aatggcgctca	ggccaaccat	60
tggccagcgc	gtgcggctca	gtcagggaga	catagctcaa	gcccggaagc	tgtacaaatg	120
cccagcgtgt	ggggagaccc	tgcaggacac	aacgggaaac	ttttctgcac	ctggtttccc	180
aaatgggtac	ccatcttact	cccactgcgt	ctggaggatc	tcggtcaccc	caggggaaaa	240
gatcgtatta	aacttcacat	ccatggattt	gtttaaaagc	cgactgtgct	ggatatgatta	300
cgtggaggtc	cgggatgggt	actggagaaa	aacccccctt	ttgggcangt	tttgtggcga	360
taaaatcccc	ggagcccctc	gtcttcacng	acaagccggc	tnntgggtng	gagttccgca	420
ancaacaagc	aacatcttgg	gcaanggcac	cttttcagcg	tacgaaacta	cctg	474

<210> 661

<211> 451

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(451)

<223> n = A,T,C or G

<400> 661

acggagtctt	gctctctcgc	cagtctggag	tgcagtggcg	caatcttggc	tcactgcaac	60
ctctgtctcc	cgggttcaag	agattctcct	gcctcagcct	cccaagtagc	tgggactaca	120
ggcgcccgtc	accacgcccc	gctaattttt	ttgtattttt	agtagaaacg	gggtttcagc	180
atgttggcca	ggatgggtctc	gatctcttga	cctcgtgatc	caccacacct	accctcccaa	240
agtgtctggga	ttacaggcgt	gagccactgc	gccccgcggg	tctttttattt	tttaaact	300
tactatgcca	tgaattcata	gggaatatgt	tccagcacct	caggcttctt	ccactgggtc	360
ttacgaaaat	gngctttttt	tgggcagggc	anggcttgnn	cnttttagttt	gaacccccaa	420
ttccccctgng	gcnncngcaa	aaggaaacaac	t			451

<210> 662

<211> 369

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(369)

<223> n = A,T,C or G

<400> 662

gcgtggactg	acacctcntg	nacatnttcg	ctatcttggg	cttctgcctg	antggatctc	60
cagacaatgg	tgaccatgat	aactggggga	acctggctgc	agcttttttc	accctcttca	120
gcttggccac	ggntgatggc	tggacagacc	tgcagaagca	gttggacaat	cggaatttg	180
ctttgagccg	ggcattcacc	atnatcttca	tcttgcctgc	ctctttcatn	ttcctcaaca	240
tgttcgtggg	tgtgaagaaa	antcncacac	agnggantcc	ntcaaaaatt	tttgccaaaa	300

```

accttttntt gaaccccnag ggaaatcctt ntngggaaaa aaaccgggg antttttccc 360
ccggccccc 369

<210> 663
<211> 453
<212> DNA
<213> homo sapiens

<400> 663
ggctcctgtg gctgttccat ccctgaggaa aagtgaggac catgctctcc aaacaggcca 60
tgtgtctggac tacctctgtt tctgtctcct gggattccaa tcagcaagtg agcaacgaag 120
caaccagac agtgtgggtc ataggatggc tggaccctgc actcgatgga tcagctgaca 180
ccacctggac cagtaacctg gcccaaccag ttctgccatc gcagatagga acagaagaca 240
tatgaaaacc taacttcgac ccccgctga ttccatctcc aacctgacca atcagcactc 300
cccacttctc aagccctac ccgccaatt atctttaaaa actcaaggcg ggttgggggg 360
ggttatgcct tgtaatccaa ccacttttgg gatccaaggc ggggtggatca cctgagggtca 420
ggagtttgag accagcctgg ccaacgtggt gaa 453

<210> 664
<211> 435
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

<400> 664
ggaaatgcag aaatcacccg tnttgtgcgt cgctcacgct gggagctgtn gaccggagct 60
gttcctattc ggccatcttg gctcctccct gatcacctct ccaggctacn ctcttgagtc 120
gacactcata gttocttaca cacagacctg gatcctggga ncaaaaaaat caagtatttn 180
ctatnaggng anggagctgg gaccatattt taaataaatg aatgnaactg gaganatnca 240
tgctataaan aaanttggcc gganggaaaa gntnagatn ccctaacnac ttaagccgng 300
gctgggagaa aanccaaact nttggngcnc ccnggaaat tttttttaa ggtcaaaaaa 360
tncatggnca tgcnccccag ntttttttat gggncctttt attgcttctg tggccaaaaa 420
aggccatttt tgggg 435

<210> 665
<211> 456
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(456)
<223> n = A,T,C or G

<400> 665
gacaaggcta ccaggctctcc aggactgaag gtcacatct aagttggtgt tctcaactgg 60
aggcgattta cccccaccc aggagacagt tggcaatgtc tggaggataa ggactcagga 120
cctaccgaat ggcagaacta aaagagctat aacataaaca gggctgaaac gtgccctgtg 180
ctcaccacgc tgtgggtgaa gagaaggaga gaagagatgc agccactcag ggagcccaga 240
cctgggagct ccccgagccc aggctgtgac tccctctttg aggtcctgtg gtttctgggtg 300
tttcttgagc tcctgaacac caccacattc cctggtgcc a gctggggaag ctgcttgcca 360
tgcacatggn caaancccaa gcttcaaaaa anagccagn tttgttccag cacctggagc 420
tgnccgnccc actggaacag ccagcatgcc tgatgg 456

<210> 666
<211> 460
<212> DNA
<213> homo sapiens

```


<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 666
 acggagtctt gctctctcgc cagtctggag tgcagtggcg caatcttggc tcaactgcaac 60
 ctctgtctcc cgggttcaag agattctcct gcctcagcct cccaagtagc tgggactaca 120
 ggcgcccgtc accacgccc gctaattttt ttgtattttt agtagaaacg gggtttcagc 180
 atgttgccca ggatgggtctc gatctcttga cctcgtgata caccacctc accctcccaa 240
 agtgctggga ttacaggcgt gagccactgc gccccgccgg tcttttattt tttaaact 300
 tactatgccca tgaattcata gggaatatgt tccagcacct caggcttctt tccactgggt 360
 ctacacaaat gtgcnttttt tggccagggc aaggctggca ctttcagttg aacccagat 420
 tccgcctgtg cacggccaaa ggaacaactt catgttttct 460

<210> 667
 <211> 291
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 667
 ggctatgccca tggagactnt ntagcatcca gaagatgcgt tgaagtgacc tgaacttgac 60
 ctgcttaacc cttctcgggc ggnnaaccca ngangggaca ctactganat ggangntatt 120
 tcattatctg cttggctnta tttgagtttt tggaacaccg caaaaaanaa gttctcngct 180
 catggacata actggggcac ctggggccctt aaggggccggg gcaattttta gattcttccg 240
 gggacaantt attggttaaga ngggccctnt ttttatcccc cttttgttta a 291

<210> 668
 <211> 168
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(168)
 <223> n = A,T,C or G

<400> 668
 ccaccccaag cttgggaanc gtgctcgtnc ccanattgcc aaggggctca agctgtncgg 60
 ccaaaagcca aagtccaagc cttagcccaa ggcnttggat tnaaaccacg gccaagggtg 120
 gaagcccaa ctttaattng ggnntaaggc ctccaaaaac tgtaccgg 168

<210> 669
 <211> 202
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 669
 tccacatat gaggacatgg ccagaanaca gtcacctagg atcgaggaan cnggncctna 60
 ncatacaatg ctttgtgagc aacgcttaac ctgggaaagt ccaanctnaa aangggcaat 120
 antttngcnt tttaccctgg aagaantact cataagccac ctctgntatt taccaccaat 180
 cttcacaaga aaaactgtac tc 202

<210> 670
 <211> 227
 <212> DNA
 <213> homo sapiens

<400> 670						
aagggccagt	ctctggagat	gtttcagctg	gaaagatggc	caagctcgaa	taagcagatt	60
tatataaatc	tcattgtttc	catattaata	aaatgagccg	ctgggcacag	tggtttatgc	120
ctgtaatccc	agcacttttcg	gaggccgagg	tgggtggatc	atgaggtcaa	taaattgaga	180
ccatcctggc	caacatgggtg	aaacccccatc	tctactaaaa	acacaaa		227

<210> 671
 <211> 547
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<400> 671						
ggtgaaggta	ctctacagt	tggtcattga	ggacaagttg	acgagagagt	cccaagtacg	60
tccacgggtca	gccttgcgac	atttaaagtt	ctacaatgaa	ctcactggag	atgcaaagaa	120
aagtgtggag	atggagacac	cccaatcgac	tcgccagtct	acaggtgtat	ccagcagctc	180
caaagagaca	gcaaccagca	agaatgggcc	atagtgcga	tggtggtttt	gtcaaaaaga	240
aaaggggggg	atatgtaagg	aaaagagaga	tcagactttc	actgtgtcta	tgtagaaaag	300
gaagacataa	gaaactccat	tttgatctgt	actaagaaaa	attgttttgc	cttgagatgc	360
tgtaaatctg	taacttttagc	cccaccctgt	gctcacggaa	acatgtgctg	taaggtttaa	420
gggatctang	gctgtgcagg	atgtaccttg	gtaacaatat	gtttgcaggc	agtatgtttg	480
gtaaaaagtc	atcgccattc	tncattctcg	attaaccag	gggctcaatg	cactgtggaa	540
agccaca						547

<210> 672
 <211> 233
 <212> DNA
 <213> homo sapiens

<400> 672						
gatgctggat	ttcacccctg	actctgagca	agtcttttac	tgtggtaaag	gggcttctga	60
agccttgcc	aagttcccat	tttggttacc	atcagcagtc	aaggcagaga	cgccccaggc	120
cacggccagg	cccaagccag	caaagaacat	gaaaaaagga	tgaaagcagc	catgggaagc	180
aagtggaaat	acacattgat	ctttttctat	gaagcttctt	caagttagat	aag	233

<210> 673
 <211> 572
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(572)
 <223> n = A,T,C or G

<400> 673						
atggtgtgtc	cggaattgg	gggttcttgg	tctcactgac	ttcaagaatg	aagccgcgga	60
ccctcacgg	gttacagctt	ttaaggtggc	gcgtctggag	tttgttcctt	ctgatgttcg	120
gatgtgttcg	gagtttcttc	cttctggtgg	gttcgtagtc	tcgctggctc	aggagtgaag	180
ctgcagacct	tcacgagagt	taagagagca	aatcaagaca	tgaaaatgat	ccccccgtgg	240
aatatgcccc	tgctattgag	agaataaaact	actgatctac	gcaacagcat	ggatgaatct	300
cagagacatt	ttgctaactg	agagaagtca	gacacagaag	acatagtcaa	tgattccatg	360
tgatgaaat	ttctagaaaa	ggcaaaaacta	tagagacaga	atggctgata	agtgttgtgg	420
ctgatcacat	cgaggcacag	aatgatcaat	ggttgccctg	aactgcgggt	gggaacagga	480

gtgacctcaa angagcaagg ggaacttttg ggggtggatg ggaatattgg gaaactggac 540
 tnggatgggt gcttaagtgc gcaagttcac cg 572

<210> 674
 <211> 532
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(532)
 <223> n = A,T,C or G

<400> 674
 cctctttata ccaggttggg aaggcactgg ggacagtatt gtggatcttc gctaaaaact 60
 ctaggacttt catcttggtg gtttctacat gagctcgtgg accccataga aattgatggc 120
 gcggaggatc actgtcgggc acttgctgat actgcaggca ggatccggaa ctctccctc 180
 aggcgactgg acgccagcgc tctcagacac tttcacttcc gcgacccac ggctggatat 240
 cggggtgcaa acccttccgg gaaagattgg ggggttggtg ggctggcact ggggcgaagc 300
 gctgtggggg taactgtctg ggttgcgcgga ttccttaaaa ctacataag ggcttttta 360
 tgactcccgg ccanggcgcc ttttgggtacc aagttaacca cccttaaaca gcaacctact 420
 cacancancc tngntttcan aaagcgaant gaagggggtc tganccnaca ancatgccag 480
 ngcctcccaa actgacagca naagccancc ctggctggca gctggtttta aa 532

<210> 675
 <211> 187
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(187)
 <223> n = A,T,C or G

<400> 675
 accataacct tttgagcaag atcagcctgg ntaagtccaa gctgaattgg cctcgctggc 60
 ctgctcatga nancaatggn atggatttcc natnnngcgc cgncattnca annggactgt 120
 anggccaaatt nattttgntt tttacccttg ggaagaaaat acttcnttaa ngcccacct 180
 tttgttt 187

<210> 676
 <211> 117
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

<400> 676
 cagtgtttcg gcgatggctt gaactgggct gggttgcttc atcattgnct gntgggncaa 60
 cacgtccttt gaactggctg acttttgtn canctgctaa aagtgcacaa gcaggac 117

<210> 677
 <211> 458
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400>	677						
ttctgttttt	gccttgggat	tttgaagatc	cattttcaga	atggcacctg	tgccccatac		60
ccactggaga	ctgtggaaat	ctggagggag	caaccttggg	gattctgccc	caagagaagg		120
gattctctgg	agctctggac	aacatcctgg	gactaagatg	gacagtggga	gtattgcagc		180
ttggagagga	taatatttaa	gggaaccaag	ctgacactgg	agcagtagtg	ctgtggctga		240
gctgctggca	caaagataca	cagccaagtc	cccctgctgt	gtgcgctgga	acttcagagt		300
ggagatggat	ccctcanacc	tctgtgcaga	aaaccgatca	cggggaaacc	ccgatttgct		360
gctgcattct	tgccttggaa	agaaattgga	aacttcaggc	ctgccagct	ntgtcggnac		420
ccataaaaqq	cattatgacc	tqgaatcgga	aaaaaaaa				458

```
<220>
<221> misc_feature
<222> (1)...(557)
<223> n = A,T,C or G
```

<400>	678						
ggtgaaggta	ctctacagt	tggtcattga	ggacaagttg	acgagagagt	cccaagtacc		60
gtccacggtc	agccttgcg	cattttaaagt	tctacaatga	actcactgga	gatgcaaaga		120
aaagtgtgga	gatggagaca	ccccaatcga	ctcgccagtc	tacaggtgta	tccagcagct		180
ccaaagagac	agcaaccagc	aagaatgggc	catagtgacc	atggtgggtt	tgtcaaaaag		240
aaaagggggg	gatatgtaag	gaaaagaaa	atcagacttt	cactgtgtct	atgtagaaaa		300
ggaagacata	agaaactcca	ttttgatctg	tctaaaaaaa	attggtttgn	cttgagatgc		360
tggtaatctg	tactttancc	caaccctgtg	ctcnggaac	atgtgctgta	aggttaaggg		420
atctaaggct	gggcaggatg	tncttggtna	caatatgntt	gcagccatat	gtttggtaaa		480
aagcatcgcc	ttctcattct	cgantaancc	ngggctcaat	gcnctggggg	aagncccagg		540
aacctttgcc	aaaaaaag						557

```
<210> 679
<211> 583
<212> DNA
<213> homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G
```

<400>	679						
atattcttct	ttcagtggga	agccaagtca	gatgcacaga	gaacatacca	gtctctccca		60
cttctgtctc	agccatgcag	tcgcaacaga	aaacctatgt	ggaggatgcc	aacaccaaga		120
tggcgaccaa	gcttctgaaa	tggtgcagag	ttctatggcc	ctggtccagg	tttccagctc		180
ctgactcctc	tctgacatgg	gaaatagata	cactcttgct	ttctgttttc	gtccctgagg		240
gtggaactct	ctgctcttcc	gggacagctg	ttgttttcgc	tgctcagcat	ccgcttctcc		300
catttctgga	aagagcacct	gattttccct	tggagagcta	ccttgcgctt	gagctcccag		360
cataggcatc	tgtcctaggc	ctggccaatc	agagcattta	tgctaccctt	anccacagtg		420
agtggtcatg	gaaaggcacg	tggcctgagc	cagcccgtga	gaatccgctc	taagattggt		480
atgacactca	ctggnaagaa	gnctctnttt	tntgggtggg	tggaaaaacta	caaggatgga		540
qqnctqaaqc	ttganaaacac	acanggtgag	aacttgctctg	aaa			583

```
<210> 680
<211> 645
<212> DNA
<213> homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G
```

```

<400> 680
ttgcagaggg aatcactgga tgcaaatttg agtccacaca gacctggctg aagtgcagat      60
caggagggaa aactggagct tggagaaagc ttttctaagt ataaaggaaa aataaagtga      120
agatgaagtc attgatttgg aaagaaacgg agaatacctag tgtgactgta accccttggt      180
tatgtatctg ggctgtggct agaaggaaga acaagtgggt ttggcagaag gctgctagca      240
agacgctgtg tcttttaaaa tcttcctgag atatctggga agcaacaaca acaacaaaca      300
acaacagcaa aagaaaagag ggaagacagt taagggtgaa ataattccac tgggtggcact      360
gtgaggcgat aaccaaggca aggcactatc ctgattgcag acaaaacatg gaaggatgag      420
tattcctcag gatgaggaag ctgaattctc atggcctttt ctgcagaact caagataang      480
cgctttagt  gataccacat ccacatccac catgaatgaa gcctggattc ggattaccaa      540
gctgaatnaa cccagatatc atcttttggg cttagtgnng ctattttatt ctatctaaag      600
gatctgagtc tgaaggaaaag ataaacctaa gtatttcatt agttg      645

```

```

<210> 681
<211> 640
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

```

```

<400> 681
atggagtctc actctgttgc ccaggctgga gtgcagtggg gcaatctcgg ctccctgcaa      60
tctctacctc tcgggttcaa gcaagtctct gcctcaccct ctcgagtagc cgggattaca      120
ggcgccctgcc accatgcctg gctaattttt ttgtattttt tagtagagat ggggtttcac      180
catcttgccc aggttgggtc tgaactcctg acctcctgat ccaccgcct cggcctccta      240
aagtgcgggg attgcagggt tgagccactg agcccggccg agtttgtctg ctataaaaagt      300
atggttgtcg tcattacagt gattgctgat tgagggcttg ctcagcacct ttctgggggc      360
tcaacgaatg ttctgtgatg ttgagttcac caccctatac cctgggagag agatagtgtg      420
tttccatttc acaggtcagc agactcgagc acagagaggt gaggtaacac agcctggcag      480
gaagtggaag ttgggattcg aggcctgggt tgaatggggg gctctcacan tgaagttgca      540
cttcaangga cccttgcaag gngctaacag aatgtgaatg ccttttngaa agtcaaaaaa      600
ttgnggtcaa naagggaana cattattttt tccccacaa      640

```

```

<210> 682
<211> 238
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

```

```

<400> 682
tggtcacaaa tgggctcatt gaggacatta agcatcggcg gtattatgag aaaccatgcc      60
gcccttccag agggannnct atcaangnga ngnncaagnt gaataagnon nantttnttg      120
cnntntaccc tggaanaaat actcatangc cacctctggt attgaccggc tgctgatgcc      180
tgaggggtggg acaccacagt cgaaaccctc atccagtttt ctctccatcc cttttttt      238

```

```

<210> 683
<211> 612
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

```

```

<400> 683

```

tccaaaacgg	gccatgatga	cgatggcggt	tttgtcgaaa	agaaaagggg	gaaatgtggg	60
gaaaagcaag	agagatcana	ttgttactgt	gtctgtgtan	aaagaagtan	acataggaga	120
ctccattttg	ttatgtgcta	agaaaaattc	ttctgccttg	agattctgtt	aatctatgac	180
cttaccceca	accccggtgt	ctctgaaaca	tgtgtgtgtg	caactcaagg	ttgaatggat	240
taagggcggt	gcaggatgtg	ctttgttaaa	cagatgcttg	aaggcagcat	gtcctttaag	300
aagtcacac	cactccctaa	tctcaagtac	ccaggacac	aaaaactgca	gaaggncgc	360
aaggacctct	gcctaagaaa	gccagggtatt	gtccaaagg	tctcccatg	tgataagtct	420
gaaatgnggc	ctcgtgggaa	aggaaaaaac	tgacgtcccc	aaccgcacac	ctgtaaaagg	480
nctgtgctgn	ggaggattan	tnaaanaagg	aaggaatgcc	tctttgcant	tgagacaaaa	540
aggaagnatt	tgtcttctgg	ctgtcccttg	ggcaanggaa	aaggctcggg	ntnaaaaccc	600
aatgggtgct	cc					612

<210> 684
 <211> 564
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(564)
 <223> n = A,T,C or G

<400> 684						
ttgctcttgc	tgcccaagct	ggagngcaat	ggcgcaatct	tggctcaccg	caacctccac	60
ctgcngagtn	cangcgattc	tcttgccaca	acctcccag	taggtgggat	tacaggcacc	120
cgccaccacg	cctggctaata	tttgtatttt	tattanagac	ggggtttctc	cacattggac	180
aggctagtgt	cgaactcctg	acctcaggtn	atccgnccac	attggcatnc	caaagtgtcg	240
ggatnacagg	cgtgataaat	tgaccatctt	atacnacgaa	gtcaaatan	angacttccn	300
nnaaantatt	gtggncaact	catgnttnat	ttatcatanc	ttcatcanta	atngnttcnn	360
ataangccca	aattgcatgg	tatnngtgg	aagatgcaaa	ntntttggtc	atactttgat	420
taaactgntg	gggcatttat	ctattaaaaa	gactgctgtt	tccattactt	cccaaatacta	480
tanaacaagc	ccaccctatc	ttcctttact	ganttttttt	tngggngggg	gcggctgtcc	540
cngtgaaata	aacagcctgt	tggt				564

<210> 685
 <211> 651
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

<400> 685						
agtttctactc	tcagaggagg	atthttgttct	tcaattgtgg	agtgatctct	atcaccagtg	60
actaaagcag	atgttggagc	acagagagcc	atacccccac	atatgatgct	tcggcatgct	120
gactgctttg	aaaattgaaa	ggcctcagaa	ataatcctca	gtgccagggt	ctccctctga	180
cctcccccta	cctccctttc	tctctgatcc	tgtctctccc	aaagcacaga	atgaagctgt	240
tctctgaatt	cccttatcta	cctagaaaact	ggacccccaa	agaggaacac	aattttgcctt	300
tgatcccttc	cctgaaattt	cattaaccag	agaaaattaa	aacttctatc	acaaaggaag	360
agactgaaca	ttaaaccacca	tagctacagc	ccagacaaac	ttcttcccaa	accattgttt	420
gttctcctgc	tgttaaattg	ccagagaatc	attcacaaga	taaagtctgc	cttctgggtc	480
cattcattcc	ccactaaaaa	tcttttactc	ctacaccctc	atgtctcctt	nctccatgaa	540
gaagggctat	aaacctctan	gcctcantgg	gttattgggt	aatcattctc	atgcagttcc	600
cctgtgctct	gcatggtaaa	taaaattgna	tgctttttct	ccaaaaaaaa	a	651

<210> 686
 <211> 458
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

```
<400> 686
gtcagaggat gaagtttctg atggcaggag ggangcggtc tatcttcact gcggatggcg      60
aggtgccttt nggagnanga gnatngnaag atnngtcac ctaggctttgc gcncaanact      120
taaaanattct tggttggtatt ttcaagacga ataacattga tggaaaagaa ctggtgaatc      180
ttacaaaaga aagtctggct gatgatttga aaattgaatc tctaggactg cgtagttaaag      240
tgctgaggaa aattgaagag ctcaggacca aggttaaata cctttcttca ggaattcctg      300
atgaatttat atgtccaata actagagaac ttatgaaaga tccgggcatc gcatcanatg      360
gctnttcttt tgaaaaagga agccttgga aattggatca ncaaaaagaa acgtcaagtc      420
ccatgacaaa tcttgttctt nctttcaccg gtacttaa      458
```

<210> 687
 <211> 459
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

```
<400> 687
agttcactcc tgatgggaac atccagagac atcttcagag agctttgctt tgacccccac      60
cccccaacat ttaaggcat ggatctggaa ataattgagt tggtttgcaa agacgctgca      120
cttgatggat caagcagcca tcaccccgat cgataaactg gctcatctga tattgtggcc      180
ccactcagga actgactcag cacaagagga cagctttgac tccctatgac ctgaccaatc      240
agcacacca actcactgcc cccaccagt tcacaaatta tccttaaaaa ctctgatccc      300
caaatgctcc aggagactaa tttgaacaac aataaaactt cagtctccca cacaactngg      360
tctggggngn attacacttt tntctgttgc aattccctg tcttgataaa tcaactccgt      420
ctangcaggg ggctagatga acccattggg cgggtacac      459
```

<210> 688
 <211> 416
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

```
<400> 688
gcagggtcat tctaggnntn ttgaatgact ttatgaatct ctggacttca accagctttg      60
gaagccaaga taacatgata acaagagacc cttgtctctt gccacttgaa gtcagtggcc      120
tgaaaggacc actgaatttt gttaactccc ctacagatca cctactttgc attatgtttt      180
ccagatctct catttagttc ttataactga agaaaatcag aaagtgtttg ctatcatgct      240
ctccagaccc aacacaagga gagtgccaag agaataatgc aaatgaaaca tgtcaagagg      300
ccgtggacat ttgcagggtt tgcaaaaactt gacttctgag ggaaaaggca tcanaatcac      360
ttgtttttgt aaatgaagtn taaaggagag gattccttgt tgggtgggggg gggggg      416
```

<210> 689
 <211> 466
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 689
 tccctagagc gtgcaagatt tttggtttca aaccaatttc ctgctgacca gaatgaaatg 60
 gagccacatt ccagcacgat gcacctgctg acctcctgcc cagaccatgg aagacactca 120
 ataaaaagta agtgattaaa tgacaacctc tacggaaaag agtatggaga tttctcaaag 180
 aactaaaaac agaactacct tttggccaga tgcagtggct cacacctata atcccaacat 240
 ttgggaaggc tgaggcaggt ggattgcttg agcccaggag ttcaagatca gcctgggcaa 300
 catggtgaaa ccctatctct acaaaaaata cagaaaatta gatgtgactt ccgngggcac 360
 acatccntag taccagctac tccaaaggct tgaggcggga ggatcgcttg agcccaggag 420
 gtccaggcta cagtgggcca aagatcacgc cattgcactt cattca 466

<210> 690
 <211> 169
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(169)
 <223> n = A,T,C or G

<400> 690
 gcagagatct gacgcttaaa acattctgat gaccgggatt ccaaccggna ttcccttgag 60
 gagggnnagc tgatacatcn naccatggct atcacatna tgatctcccc gtatagaaga 120
 nactactcta tggngacat gaggaaaata agatgattct ttggccatc 169

<210> 691
 <211> 464
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 691
 gcaagatccg gcctccttgg caccaagttt gcatcttggt gccctcaact actacacaaa 60
 ctgagcctgc ctgcacccac atgaaataaa cagtcttggt gctcacacag agcctgttta 120
 gtggtctctt cacacagatg cgtatgacat ttggtgctga agaccagggt cagagggact 180
 gcttcaagag accagttccc tgtcctcacc ctcaactctgt gaagagatcc acctacaacc 240
 tccggtcctc agaccaacca gcccaaggaa catctcacca atttcaaato agatggattc 300
 tcgctctggt gccccaggctg gagtccagtg gcgccatctg gaagcttcgn cttctngggg 360
 tnacgccatt ttctgcctc agcctcccca gcagctgggg actacaggtg cccgccacca 420
 cgcccggcta attttttgta ttttttagtag agacggggta gtgc 464

<210> 692
 <211> 423
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = A,T,C or G

<400> 692
 tgggattgca tcttttgcag aggacaggtc cttaagggca gaggcgggta agantcanan 60
 tggccnnaan antntntngg aancccnccc tgtngnagcc caccaannat nncncnctan 120
 ntctttaatc atcanagaat ttacgacagc tacanggcnc ttattaaatg cttgattctg 180
 ttttaaaaca caagccgaac ccgaggaaga ggaagaagat ttgcctgntg ctcaaactgt 240
 cctaaaagaa cttccanaan ttatgncccn nntancccn cacaagcccg gactggcaag 300
 cttttanaaa ccaaagaatt tcttttcaag ancgngcccg gggtatcaat gctttggtat 360
 ttgtaagggc tggaatgtnc aaaacccttc aangggaggg gggtttattt aactgcttcc 420

cca

423

<210> 693
 <211> 393
 <212> DNA
 <213> homo sapiens

<400> 693
 ttgagaccta actgaggaag cctggatcca actttttgaag gataagagat ttcacagatc 60
 attgattaca aaggcaatag ccaacaccaa caccacagac atgagaggga tgctaccttc 120
 gatgcagcct ccctgcccgg cccaggtcaa gccaccgatg actgctacta cctgagcaag 180
 cccaggagtg ggattgggtg ctctgtgaaga agaggaggag gcacctgagc tggcacactc 240
 agctccttca ccatgtgatg ccctgcacca cctcaagact gcagagtcct taccaacaag 300
 acggcactca ccaaatgcag cccttagacc ctggacttct cggctctttt aactgtaaga 360
 aataaattcc ttttctttat aaattaaaaa aaa 393

<210> 694
 <211> 126
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(126)
 <223> n = A,T,C or G

<400> 694
 agttggcacc tttacctctg gacaacattn tccnnttnag cgaagtccag cctgggtttaa 60
 gtccaagctg aatnggncaa ttcttttctg ntttaccctg gaagaaanac tcataagcca 120
 cctctg 126

<210> 695
 <211> 306
 <212> DNA
 <213> homo sapiens

<400> 695
 ggggtggaag ttccaaattg cagaatgatg ttcaaggaag tgggatatac caagaacaca 60
 gatcacacat ccagagtaag caatggacaa aaaacagact ggctgaagta gaggatttat 120
 atatgtcatg agtgtgccac agaaaatgaa aacggacaac ggacaaggat attgcagtaa 180
 aacttttgaa agttttgttc agcaatggaa atttgtacac actacaggaa taccctataa 240
 tttgcaaggt caggccacag tagaaagggc cattcggact cttaagacac aattggaaaa 300
 acaaaa 306

<210> 696
 <211> 496
 <212> DNA
 <213> homo sapiens

<400> 696
 gtggatcgga tcattttctg tgtcttctta gaagttgact tcaaaatcta caaaaagaaa 60
 atgaatgagt ttttctccgt agacgataat aatgaagaag aagaggatgt tgaaatgaaa 120
 gaagattcag atgagaacgg tccagaggag aagcaaagtg tggagaaaat gggagagcag 180
 agccaagatg cagatgggtg caacactgtc actgtgcccg gccctgcttc agaagaggca 240
 gttgaagact gtaaagatga agattttgca aaggatgaaa atattacaaa aggcggtgaa 300
 gtgacagatc attctgtgcg tgaccaagat catcccgatg gacaagagaa tgattcaacg 360
 aagaatgaaa taaaaattga aacagaatcg cagagctcat atatggaaac agaagaactt 420
 tcatcaaacc aagaagatgc cgtgattgtg gagcaacca gaagtgattc cattaacaga 480
 ggaccaagaa gaaaaa 496

<210> 697
 <211> 239
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(239)

<223> n = A,T,C or G

<400> 697

atgtattgac	caccattgtt	agaaaaccgc	ccccccgcct	ctccataatg	aggaactgac	60
accataatga	aaatgctttg	gcttgtgagg	ncntnctggn	ntnttctgtc	attgatgncc	120
naccttggtg	agtgcgaactc	ccttataata	cctagacctg	aacggcttga	tacaggcaga	180
ttagagggtt	ccccctgtgt	ccttattcgg	gaagacttat	gattaaactt	ccttctctg	239

<210> 698

<211> 424

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(424)

<223> n = A,T,C or G

<400> 698

gaggcgaaca	gaagacggag	acaaggacaa	agtcattgata	agaagagagg	aactgttttt	60
tacacccttt	tgagcaagtt	cagcctggnt	aagtccaagc	ttgcttttag	gtntttacct	120
tganaaaaat	aacttcataa	nncacctctg	gtattttacc	ccaatcttna	naagaaaaac	180
tgggtgggct	caagtgatcc	tccctcctta	gcctccccaa	gtagctggga	ctgcagatgg	240
agtttcnctc	tggtgcccag	gctgnagtgc	aatgggtacng	atctcggctc	actgcaaccc	300
tctgcctctt	cagggntcaa	gncaattctt	ctgccttcaa	ccctcctgga	agtanncttg	360
gggatttacc	aaggncntnn	ctcccnccca	ncacccttgg	gnttaaaatt	ttctggaatt	420
tttt						424

<210> 699

<211> 211

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(211)

<223> n = A,T,C or G

<400> 699

cggccgctag	gccacgctgg	cctagcggcc	gagaatnnan	ctnggnctta	nncangctna	60
acttnttnaa	aaggtagggg	actaccncct	tttgagcaag	ttcagcctgg	tttaagtccaa	120
gctgaattcg	cggccgctag	gacagcgtgg	cctanccggc	cnngaaattc	tttttgcttt	180
tttaccctgg	nnaagaaaaa	tacctcataa	a			211

<210> 700

<211> 109

<212> DNA

<213> homo sapiens

<400> 700

atcctttttg	gagcaagggt	caagcctggt	taagtccaag	ctgaatcttt	tgcttttttac	60
cctggaagaa	atactcataa	agccaacctc	tggttattta	ccccccaat		109

<210> 701

<211> 188

<212> DNA

<213> homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 701
gctaggccag cgtggcctag cggccgngaa tagatgcagg gcnttangen agccnancnt      60
attnnaaagg ngggnactac ccccttttga gcaagttcag cctgggtaag tccaagcttn      120
aattcgcggn cgctnggcca cngctggcct atcggctcgn aaattctttt gcttttttacc      180
cttgaaaa                                         188

<210> 702
<211> 144
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 702
tttttttgat caccttttga gcaagttcag cctgggtaag nccaagcttg aattcttttg      60
cttttttacc ctggaagaaa tactcataaa gccacacctt tgttttttta ccccccaatc      120
tttacaagaa aaaactgtaa gctc                                         144

<210> 703
<211> 287
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

<400> 703
gccaaagggt gtccaaacta tacagaccca cagaatctaa caacagatgt ctcaatatct      60
ctcgtcctag aactctcaga ggatccanaa ntacaccngg tngcgtggg nagnctgggt      120
gnagntnaag ctgaattggg gagttgttna gcntnttacc ctggangaaa nactcatang      180
ccacctctgt tatttaccct cnatcttnac aagaaaaact gtgtgcttgn ntgacantgg      240
nntcanctnc ccatggggcc ccaanangat tgtggacatc caattct                                         287

<210> 704
<211> 430
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

<400> 704
ctggggagct cctgcattag gtnnaactga ggctttgaaa gatgagaatg gacagaagaa      60
tttcatctgg tccagtaaag attagaggcc aagagcttat cagcctttgt gttccacaga      120
tgaaggctcag caagaaaaca gaagtcttac atctcctggg cctgcaaagc atatctctgc      180
acaagaatga cgaaagtctg ttttaaagaa agtctgagtc tttcttagaa agctgaattc      240
aaaatattct actttatctg ggctgcaatt gcattttcaa agcctgcttc aatcaaatat      300
aattcttagt cagtgtcaca caacaaaaac atttagtcac tgntagtata gagacaaagc      360
cctaaaactg taaataacaa tttcaggtca ttctcgggga tccttataaa tatgtaaatac      420
acaaaaaaaaa                                         430

```

```
<210> 705
<211> 421
<212> DNA
<213> homo sapiens
```

<400> 708
 agcctgggta aagttcaagc tgaattcngc ggggcgctag gccacgaatt nttttgcttt 60
 ttaccctgga agaaatactc ataagccacc ttttgnnatt taccctcgaa ttcttt 116

<210> 709
 <211> 109
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(109)
 <223> n = A,T,C or G

<400> 709
 ttcaactctg gttaaagtcc aagctgattc ttntgcnttt taccctggaa gaaataactca 60
 taangccacc tctgttattt accccaatc ttcacaagaa aaactgtaa 109

<210> 710
 <211> 218
 <212> DNA
 <213> homo sapiens

<400> 710
 agactggatc tcactttgct tacgctggtc ttgaactcct ggactcaagt gatcctccca 60
 cctcggcctc ccaaagtgc ggaattacag atgtgagcca ctgcaaccct cttctggtga 120
 gagaacacaa agtttggtgt ccttcttaga acaagggagg gaaatccgct ggaaataaaa 180
 tgagtcaata tctcactaca tcatcttaaa aaaaaaaaa 218

<210> 711
 <211> 102
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(102)
 <223> n = A,T,C or G

<400> 711
 aatttcggcg gcccgcttgg cctaactggc ccgcngaaat tcttttgctn ttttaccctg 60
 gaagaaaata ctcataancc acctctgtta ttttaccctc aa 102

<210> 712
 <211> 159
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 712
 agagtgtctc cccctcatca ttttcctgag gaacaanact taagtattgc ccttgacagg 60
 aagatgaang taaagaagat ttgtccattg caanctgggt ctatttaaaa atccgattgg 120
 ccaaaggnc ngaacttgn tattaacct cccctggct 159

<210> 713
 <211> 398
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 713
 actatggaat tgatgtcaga caaaaagcaa attcaagcga ctttcttatt cgcgttttaa 60
 ctgagtcaca aaccagtga gaaaactcgc aacaacaaca acgcatttgg cccaggaact 120
 gcttacaaac atacagtcag tgggtgattca agaacttttg caaatgagat gagagccttg 180
 tagatgaaga gctagtggct ggccatcaga agttgaaaac gacaaattga gagcaattat 240
 caaagccaat cctcctacaa ctataccgag aagttgccga anagctcaac gtcaaccatt 300
 ctacagtcgt ttggcatttt gaagcaattg nggnaanggg ggaaaaaanc tcaagttaag 360
 gggggggtgc cttcatgaag ctgagcgaaa aatcaaaa 398

<210> 714
 <211> 436
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(436)
 <223> n = A,T,C or G

<400> 714
 gtgggggtctt tcaccatcaa taccagaagc tccagaccag gaacctgaag ttcccatcag 60
 ccagtacacc tgtgaaccag tggaggacct gaagtacctg tttaaaagat agccaaaaga 120
 taagtaaattg cctaccaact ttctttggtg tctttgttgc atagtactg tgggctggaa 180
 aatagtagcc atttttatct ttgcagttaa attgccttct tccaaataga taaaaatcac 240
 ttcccttgta ataattaaac agaattttaa aaatacattt ctatgacaaa tattcctgat 300
 ggcataagta tccaccccaa ggntccatt aaatcntttn acccaaaagg nttttcctnt 360
 cacctagaga tnatcgagct gtgtgacaag ggtgccagcc actccaggtg aagacaccac 420
 cccaggccat caagga 436

<210> 715
 <211> 448
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(448)
 <223> n = A,T,C or G

<400> 715
 ctacttcgag atcacttctc caacctacag atggatgcat agaaattaga gtgagacaga 60
 aatgttgctg gacctgttga agaatacccc aacctagaca gcacctaaag agtttctccc 120
 ggctctggca gaaggggagc tggggctctg tctgcacggc agctgcctct ccactccgac 180
 agcagaagca ggcagaatct cgctctgttg cccaggctag agtgtggtgc tgcaatctca 240
 gctcaactgca acctccacct cccagttcaa gcgattctcg tgccctcagcc taccgagtag 300
 ctgggattac agccatacac caccacgcct ggnttaattt tggaatttta agnanacacg 360
 ggggttttcc atgttggccca ggctggtctc gaactcctgg cctcaagtga tctgctcacc 420
 tcagcttntc aaagtgtctg aattacag 448

<210> 716
 <211> 428
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(428)
 <223> n = A,T,C or G

```

<400> 716
ccctcgccag aacccagcca tgctggcatc ctgatctcca acttccagcc tctggaactt      60
aaattcctca tctatgcctg tctgctgctg ttctctgtgc tgctggccct tcgtttggat      120
ggcatcatac agtggagtta ctgggctgtc tttgctccaa tatggctgtg gaagttaatg      180
gtcattgttg gagcctcagt tggaactgga gtctgggcac gaaatcctca atatcgaagg      240
agaaacgtgt gtggagttta aagccatggt gattgcagtg ggcattccact tgctcttgnt      300
gatgnttgaa agtctggntc ngggacaaaa tcgaaaaagg aagccattct ggctcctggc      360
ttatgccgtg tctttgtttc cccggtgtct gttgcagctt gcgtttgggg ctttcgacat      420
gaaaccta

```

```

<210> 717
<211> 272
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

```

```

<400> 717
ataacctacc ctgctggatt catggatgtc atcagcattg acaaagactc gncagagaaa      60
nttcccnctt ggatttataa caccaaaagg ggccgctttt nntnttacat tcntaattac      120
nccccctgna gnaggcccca agtnncaana gttnnngcca aaantggaga aaaaaaantt      180
tttnntgggg ccccaaaaag ggaaatnccc tccatttttg tggacttcat gaatgncccg      240
cnaccatttn ggttaccctc cgaatccctt tc

```

```

<210> 718
<211> 127
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

```

```

<400> 718
tggtgaagaa gtggtaatga ccngagctgg gaaggggtta atgnaccctt gccgaattcc      60
cnttcaagcc tccaaagaat ggaataaaga gagattcttt tttttttttt nnaggggacgg      120
ggccttt

```

```

<210> 719
<211> 307
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

```

```

<400> 719
gagctatccc acatgtcacc ttctacatga agagttccct ccgttaaagt gaaaagacag      60
cctacacaat aggaaaagac gtttgcaaata catatatcca ataagtgatg tgaattgggt      120
cattcttgct accccaacta aaacagagtc aagaagccat taggagaagc actcagggaa      180
tgtaacagca ctttnagaat gtaattttct gcaagcctgg atgctgaaat tgcctgtgac      240
ctgaccagtt ttccggtgtg aacaacctgt gaatttaaac tggtttactg cataactcac      300
catgaga

```

```

<210> 720
<211> 313
<212> DNA

```

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(313)

<223> n = A,T,C or G

<400> 720

atgttgccca	ggctggactg	cngtggntat	tcacagaggt	gatctcatta	ctaatcaaca	60
caagagtttt	gacttgctcc	atttccgact	tgaccagtgc	acacctcctt	agtcaacctg	120
gcagtcccca	ctcccgggag	gtcaccatat	tgatcctgaa	ctcagcgag	atacctgttt	180
ggataacaca	atacagccca	gaaccctgga	ctcaagcgat	cctctgctcc	agagtaggct	240
taggacactt	gccactcagn	agaccatata	ttttaaaact	tgctctggat	ttcaatctgg	300
ttctggatat	ggc					313

<210> 721

<211> 318

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(318)

<223> n = A,T,C or G

<400> 721

ataactgact	caaatgttgc	cttttctctaa	actacccatg	gccccacccc	acctgatnct	60
gtgcctatca	agaccccaga	cttcaatcnt	gcctgaggat	aaccagctgc	ttggncnaca	120
gaanggacnt	gactttgcna	agggtaattt	ttgggntttt	taagnagaga	caaggatttt	180
cccctttttg	ggccaggntg	ggcttgaaac	ttcctgaact	ttggggaaaa	anaccccncc	240
ttnggctncc	caaaggggng	tggggattac	annggagcnc	tgtccccggc	ctatgtnttt	300
tttttttaaa	aaaacctt					318

<210> 722

<211> 280

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(280)

<223> n = A,T,C or G

<400> 722

ctcaaagtgt	gccttttcct	aaactaccca	tggccccacc	ccacctcatn	ctgtgcctat	60
aaagacccca	gacttcaatc	aggagagagg	agaaacagct	gaatgntgga	gaagaangga	120
cttggacttt	aaaaggacgc	ttgntggggt	aaccgggaa	aatccaaccg	ggcttttaggg	180
gaaagaatac	cttccccttc	tttgtccctt	tttancttcc	ctttttttcc	actgggaacc	240
nctttatngg	gataaanctt	ctggtttact	caaaaaaaaa			280

<210> 723

<211> 551

<212> DNA

<213> homo sapiens

<400> 723

acaccccttg	gccacctttt	tccacctgtt	tttccgagtg	agtgccatcg	tcacccacgt	60
gagctgcgac	tggttcagca	agagctttgt	gggctgtttt	gtcatgggtg	tgctcctcct	120
gtccctggac	ttctggctcg	tgaagaatgt	aaccgggaaga	ctcctgggtg	gccttcgatg	180
gtggaaccag	atagatgaag	atgggaagag	ccactggatc	tttgaagcca	ggaaggtctc	240
tccgaatagc	attgctgcc	cagaagctga	agcacgaatc	ttctggctgg	gcctcataat	300
ctgccccatg	atatggattg	tggttttttt	agcaccttat	tttcccttgaa	gctaaagtgg	360
ctggctctgg	tggttgctgg	gatctctctc	caagctgcaa	acctgtatgg	ctacatcctt	420

tgtaagatgg	gaggcaacag	tgacattggc	aaggtcacag	ccagtttcct	gtcccagaca	480
gtgttccaga	cggcctgccc	aggtgacttt	cagaagcctg	gcctcgaggg	gctggagatt	540
caccagcatt	a					551

<210> 724
 <211> 122
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 724	
gtcttttcgcc	tggcccatnt
ccaattcttt	tgctttttac
cc	
	60
	120
	122

<210> 725
 <211> 145
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(145)
 <223> n = A,T,C or G

<400> 725	
ggcctacgac	atatcatatc
ttttgaagaa	gttcttcttt
tgtgaagaat	atatttaagc
	60
	120
	145

<210> 726
 <211> 486
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(486)
 <223> n = A,T,C or G

<400> 726	
acagttccca	gcgcgctgct
atcaagcagg	gctggattct
cagaccctgg	ggatggcatc
atcgagagaa	acttggggaa
tttgactggc	caccggaatc
gagctggaga	cggctcaaaa
ttctacccca	aaatcctcaa
ancaaggctn	ttgacctatg
aggtgg	
	60
	120
	180
	240
	300
	360
	420
	480
	486

<210> 727
 <211> 464
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)

<223> n = A,T,C or G

<400> 727

atttctcagc	tgaatacact	gattacactt	ttgctgggag	aacttccacc	tggagacaga	60
cagaagatca	tgacaatttg	taccatagat	gtccatgcca	gagacgtggt	ggcaaaactt	120
atttctcaga	aggttgtcag	cccccaagct	tttacatggc	tgtctcaact	tcgtcaccca	180
tgggaggata	cccagaaaca	ctgctttgtt	aatatattgtg	atgccagtt	ccagtacttc	240
tatgaatact	taggaaacag	ccctcgacca	gtgatcactc	ctctaactga	caggtgttat	300
attaccttaa	ctcaatcact	tcatactaacc	atgagtgggg	ctcctgctgg	cccagctggt	360
accgggaaaa	cagagaccac	caaagaccta	ngacgtgccc	ttggcatgat	ggncatatgta	420
ttcactgntc	anaaccaatg	gactaccaat	tccttaggca	tttc		464

<210> 728

<211> 137

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(137)

<223> n = A,T,C or G

<400> 728

tgccatccac	ccttaagaga	gtcaccatca	tgcccaaaaga	catccagttg	gctcgccgga	60
taccggggag	agaaaagctt	aagtgaangc	antttttttg	gggtttgnaa	taaaattttg	120
gnaaaaactt	ttgggtt					137

<210> 729

<211> 501

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(501)

<223> n = A,T,C or G

<400> 729

gctgcacaaa	aaagcatggt	gcgggcatct	gctcggtctc	tggtagggcc	tgtgagtgtc	60
tcctaacgag	gaagcttcca	atcatggcag	aaggccaaca	aggagcaggt	acatcatgtg	120
gcaagagcag	gagcaaggga	gagaaggagg	aggaccaga	ttccttcaaa	caaccagctc	180
tagcatgaac	taacagagca	tgaactcact	cattaccttg	cggagggcac	caagccattc	240
acgagggatc	tgcccccatg	actaaaacac	ctcccaccag	gccccacctc	caacactggg	300
gctcatattc	caacatgaga	tttggaggag	acacatatcc	aaaccatatc	acacacctgg	360
gggacagcta	taggaatcgt	gcctcttttg	gttgtcaatc	tggccaaaaa	caatggactc	420
caacctttgc	gtnggcttg	ggactgggta	atctggcttg	gggaggaaaa	naattnaacc	480
ttgcccaggg	gaaggcctgg	c				501

<210> 730

<211> 446

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(446)

<223> n = A,T,C or G

<400> 730

gctgcacaaa	aaagcatggt	gcgggcatct	gctcggtctc	tggtaaggcc	tgtgagtgtc	60
tcctaacgag	gaagcttcca	atcatggcag	aaggccaaca	aggagcaggt	acatcatgtg	120
gcaagagcag	gagcaaggga	gagaaggagg	aggaccaga	ttccttcaaa	caaccagctc	180
tagcatgaac	taacagagca	tgaactcact	cattaccttg	cggagggcac	caagccattc	240

acgaggggatac	tgcccccatg	actaaaacac	ctcccaccag	gccccacctc	caacactggg	300
ggtcatattc	caacatgaga	tttggaggag	acacatatnc	aaaccatatc	acacaccttg	360
ggggacaagc	tatangaatc	gtgccttttg	gggtggcnat	ctgccagaaa	caatggactc	420
acaaccttgg	cggtgggctg	ggactg				446

<210> 731
 <211> 488
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(488)
 <223> n = A,T,C or G

<400> 731.						60
gctgcacaaa	aaagcatggt	gcgggcatct	gctcggtctc	tggtgaggcc	tgtgagtgtc	120
tcctaacgag	gaagcttcca	atcatggcag	aaggccaaca	aggagcaggt	acatcatgtg	180
gcaagagcag	gagcaaggga	gagaaggagg	aggaccaga	ttccttcaaa	caaccagctc	240
tagcatgaac	taacagagca	tgaactcact	cattaccttg	cggagggcac	caagccattc	300
acgagggatc	tgcccccatg	actaaaacac	ctcccaccag	gccccacctc	caacactggg	360
ggtcatattc	caacatgaga	tttggaggag	acacatatcc	aaaccatatc	acacaccttg	420
gggacagcta	taggaatcgt	gcctcttggg	gttgtcaatc	tgccagaaaac	aatggactca	480
caaccttggc	gtnggcttgg	ggactgttaa	tctgctgnng	gagnaaanaa	ttaaccttgc	488
ccagggga						

<210> 732
 <211> 401
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(401)
 <223> n = A,T,C or G

<400> 732						60
atagctggga	gattacagat	gcctgccacc	atgccagnt	aattttttgt	attttttagta	120
nagacggggt	ttcaccatgt	tgccagctct	ggtcttgaac	tcctgacctc	aggtgatccg	180
cccgcctcta	cctcccaaag	tgctgggatt	ataggcataa	gccaccgcgc	ccggcgaata	240
tgccctttac	tgaaaaggnc	atggcaactt	ccagaagtaa	gatggacaag	atgaaggcta	300
tcattcaaaa	gcttccgctt	tacatacaga	aagtgcagac	ttttgaaaat	cccgtgctgn	360
agcagtaaa	tactttaagg	aacctggang	gcctntgggt	ttggattttg	atggnancct	401
gacaaacnt	aaaatttgca	nttgnccaag	ggtggagcca	t		

<210> 733
 <211> 475
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 733						60
actctaagca	ggtggctcaa	tccacttata	ancatttggc	ntaccatggt	gtnaatggag	120
gcatnaca	gaaacatnnc	cgnagnctnt	accagnana	aggctacaga	atcatgggca	180
natgaggtct	cgctctgtgg	ctatagctca	ctgcagcctc	aaattcctgc	gctcaagtaa	240
tcctcccacc	tcagcttccc	aagtagatgg	gactacagcg	atggggtctc	actatgttgc	300
ccaggctggt	ctcaaactac	agtggctcaa	acaatccttc	cagtactgcc	tcccggagtg	360
ctgggattat	aagcgtgagc	cacaagcacc	tgccacaga	agtacatttt	aaatggctta	420
ataaaaacgtg	acagaataag	aaggngggag	ctctgaattt	aaagnccaag	ggatccccac	

ttgggttatta aaaatnatca ngaacccctg gttnatcgnc ttcctcaatt ttttt

475

<210> 734
<211> 116
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 734
cctttttgag catgttcang cctggnttaa ngtcceaagct gaatttggcc aattcttttg 60
ctttttaccc tgggaagaaa tactcataag cccacccttt tgtttatttt accccc 116

<210> 735
<211> 195
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 735
gacccttttg agcaagttca gcctgggttaa gtccaaagct gaattggcct cgctggccat 60
ttaaattggcn gccgccctcg agngaaattc cgcagggccc gctagggcca aattcttttg 120
ctttttaccc ttggaagaaa atactcataa agccacctct tgttattttac ccccanatct 180
tcacaaagga aaaaa 195

<210> 736
<211> 497
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(497)
<223> n = A,T,C or G

<400> 736
attttcttct acctcagttt aaaagatgtg ataatatgtg gtcaagttaa tcatgcctgg 60
atgttgatga cacaactaaa ctactgtgg aatgctattg atttttcctc agtgaaaaat 120
gtgattccag ataaatatat agtgtctact ttgcaaagggt ggcgttttaa tgtgctgctg 180
ttgaattttc gtgggtgtgt tctccgaccc aaaactttca gatctgtcag ccactgtagg 240
aacttgcaag aagttgaatg tctctgactg cccaacattc acagatgaat caatgagaca 300
catttctgag ggctgcccgg gggctcctgtg tctcaatctg tctaacacaa ctatcaccaa 360
caggacgatg ccgacttcct ggccgaagca ctttcacaac tttacaanaa tcttaanttt 420
ggcttattgn aaacnggtca caaanaaaaa ccttacaagt accctgaacn ttgggggaan 480
gggtggcccc aagcctt 497

<210> 737
<211> 299
<212> DNA
<213> homo sapiens

<400> 737
gtcgcaggct ggaagggttg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg 60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta 120
ccacgcctgg ctaatatattg tattttttgt agagacgagg cttcaccatg ttacccaggc 180
tgatctcaaa ctctgagct caagcaatcc tcccaccttg gcctcccaaa gtgctgggat 240

tacaggggatg agccactaca gccagtcaat aaaattactt ttaaaagccc aaaaaaaaa

299

<210> 738

<211> 404

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 738

ctttggaggc	caagatcacc	gcgcctgggtg	ttgggtgtctg	gtgagggctg	ctctctgctt	60
ccaagatggc	ngccacgttg	ctgtgacctc	cggaggagcc	aatgcagtgt	cctctcctgg	120
tggaaggcag	aaggaatgag	acctgcagac	cagaatggga	gagatgggca	gaaactctag	180
agctgggatg	atcttttttg	aaagagggaa	gagttaaactc	atgagagaga	aaggatagct	240
gctgccagga	ggaaggaggc	tgggtggctg	acggctctcc	cacctgccac	caagtaagac	300
gtatctttgc	ttctccttca	tctttgccat	gattgtaagc	ttcctgaggc	ctccccagca	360
atggagaact	gtgagtccat	taaaactctt	ttctttataa	atta		404

<210> 739

<211> 325

<212> DNA

<213> homo sapiens

<400> 739

gctggagtgt	gatggcgcaa	tcttggtcca	ctgcaacctc	tgctcctgg	gttcaagcga	60
ttctcctgcc	tcagcctccc	gagtagctgg	gattataggc	gcctgccacc	acgcccggct	120
aattatttat	attttttagta	gagacggggt	ttcaccatgt	tggccaggct	ggtctcgaac	180
tcctgacctc	aggtgatcca	ccgcctcag	cttcccgaag	tgctgggatt	acgggcgtga	240
gccaccacac	ccggcctcta	atcttaattg	aatttcttaa	gcaggcttct	ccatgaaaat	300
aaaatgaagt	gattgacaaa	aaaaa				325

<210> 740

<211> 442

<212> DNA

<213> homo sapiens

<400> 740

atggagtctt	aatctgtctc	ccagactgga	gcacagtggc	accatctcag	ctcactgcaa	60
cctctgcctc	ccgggttcaa	gcaattctcc	tgctcagcc	tcctgactag	ctgggattac	120
aggcgctgc	cgtcatgcct	agttaatttt	tgtattttta	gtagagatgg	ggtttcacca	180
tgttgccag	gctgggtctg	aactcctgac	cttgtgatcc	gctcaccttg	gcctcccaaa	240
gtgctgggat	tacaggcgtg	agccactgtg	cccggccgga	tctgatgggt	tttcccogtt	300
tgctcggcac	ttctctttcc	agtcaccatg	tgaagaaaga	catgtttgct	ttcccctccg	360
ccatgatttt	aagtttctctg	aggcctattc	cctagccgca	ctgaactgtg	agtcattaaa	420
cctctttcct	ttataaaaaa	aa				442

<210> 741

<211> 101

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(101)

<223> n = A,T,C or G

<400> 741

ttaccttttt	agagcatacg	cntcagccat	gagtgtgaagt	tccaagctga	attggccaat	60
tcttttnagct	ttttaccctg	gaagaaatac	tcataagcca	c		101

<210> 742
 <211> 129
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 742
 ctgccccctct ttgtagccac ngntcagcct cgcgttaagt ccaagctgaa ttagggccaat 60
 tcttttagct tttttaccct ggaanaaaaa ctcataagcc ncctctgtta tttaccccca 120
 atctttaca 129

<210> 743
 <211> 179
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 743
 ccccaataag ccctgaagtg tggggcccnt accctctgta cccagcngcc ttttgagcaa 60
 gtnnagcctg gntaagtnca agctgaattg gccaatctct ttgggttttc tctntcctga 120
 agcaaaatcc aacacncctg tnttttatcc acttcttcac aagaaaaaat gttgtctct 179

<210> 744
 <211> 535
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(535)
 <223> n = A,T,C or G

<400> 744
 ctctctctct tgcccgatga gaagaangtc cttgcttccc ctttgctttc cgctgtgact 60
 gtaagtttcc tgtggcttcc tgntaaaccc caaaaatgat gagatttcac catgttgctc 120
 aaggggcacc cactanaagc cacacgtgtt cctgaggaca cagcaacaaa gaaagagcaa 180
 agccccctgcc ctcagtgcac ttacagtctg gaagcaatta aacattcctc tggcagcaat 240
 atttctggag cattcttata tangaaaatt gagaataact gaatttttca agtgagaatc 300
 ttttgacagc acancatata gticgttgaa acgggggcct gttctggaac agttgtatga 360
 aggcgatttg aaagatgcgt gcttggttag ttttgaaata tttgccttta caaatgtgtc 420
 tacattctct ttactgaatg taacanaaaa tataaaggaa gcntggaatt agccgtagtt 480
 ttcaaagtga aagaanagta ttgtnaaagt cagtgtcact tatttcaagc tggat 535

<210> 745
 <211> 512
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(512)
 <223> n = A,T,C or G

<400> 745
 cccgagggag gcctgatgtg ncgtgaggct gtgggtctgca tagtggaang ctccaagaac 60

ctggtttggg	gtctcacctt	ctgtgtctac	agttaatacc	angaagtaag	nncagcctgg	120
aattncctn	ctactggaaa	actggacntc	aatcnttnca	tnattatgat	ccctaggaaa	180
agagaaacan	ntacngctgg	agtgcagccg	gtgctatctt	ggctctctgc	aacctctacg	240
ggccaagttc	aagtgattnt	cctgcctcac	cctcctgagt	agctgggact	acaggcgccg	300
accaccaccc	ccagntaaat	ccattcactg	cttttcaact	gnatttatat	ttccattcct	360
tggttttaaa	cttactaaat	atacccgaa	cnnnnnncnat	gccatnaatn	aacgagtggg	420
taaagaaaat	gtgggtatata	tatancatgg	aatactactc	anccccaaaa	anggaccaa	480
attattggnn	ttgcncccac	ctggattgga	cc			512

<210> 746
 <211> 558
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(558)
 <223> n = A,T,C or G

<400> 746						
tcctgcttaa	gtagaactga	gatactgtac	aggacaacct	gcttttcata	ttctctgtga	60
atttcaaaga	cgactgggat	tttcttccct	ctctaccacc	ctgaacagca	agaccaatac	120
atcctgtatt	tcctcctctt	cagcctactt	gtgaagacaa	ggatgaagac	ctccatgatg	180
agccatctcc	acttaatgac	tgtctcacat	tggccggcaa	cttggtccag	tttgtgtctt	240
ccagattaca	ataattccat	gtaaagatga	tgctggcaca	aggctttcaa	cccattccct	300
cttctgaccc	agaagataaa	gacatccctac	ctttgagcct	tttagaacag	gtatccaggg	360
attttacctc	tccagtgtga	ggcagggtct	atgcccataa	catcagcagg	aagcagttac	420
agaagatgaa	cctccgccct	tctgcaagcc	ccttaagatt	aaggaggagt	atataatctc	480
tgatggggaa	atgaggnagg	agaccaagaa	ggacttattt	ttcattccca	acccattgga	540
acaaaacagg	atctggtc					558

<210> 747
 <211> 371
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(371)
 <223> n = A,T,C or G

<400> 747						
gagtcctggg	agctcctgca	ttaagtagna	actgagagcc	ggagnnggaa	gngcttgcc	60
ttttccctgc	taggaccag	gggttacnac	ccatcagccc	ttgcgcgcca	ccgtcccttc	120
tctcttccct	ggcgtgcct	acggaggtgg	cagccatctc	cttctcggca	tcattggccg	180
cctcagaccc	cttggtgaag	ccaagatcgt	caaaaagaga	accaagaagt	tcattccggca	240
ccagtcagac	cgatatgtca	aaattaagcg	taactggcgg	aaaccagag	gcattgacaa	300
cagggttcgt	agaagattca	agggccagat	cttgatgccc	aacattgggt	atggaagcaa	360
caaaaaaaca	a					371

<210> 748
 <211> 547
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<400> 748						
acagagtgtt	gctcanttac	ccaggctgga	gtgcaatggc	atgatcttgg	ctcactgcag	60
cctccacctn	ctgggttcaa	gcggttctcg	tgcctcagta	tcccaagtan	ctgggattac	120

aggctggagt	gcgatggcat	gatcttggct	cacggnaaac	tccncctncc	tgggtcaagn	180
gattttctg	cctnagcctc	cngagtagcc	gggattacag	gctgaggaat	taccaaggag	240
gcaggangng	gagcaaancn	caccaancct	ggngccaatc	attgacaata	ttataaccct	300
gcatgagatg	gatcagctga	caccatccan	atnggtaaac	tggatcatctg	atcttgtgcc	360
ctccaccag	gaactgactc	ancgcaagaa	gacagcttcn	actccttgng	attttatcct	420
aacaatcaag	cacttctggc	tacttggtt	nnccaccca	ccanattgtg	cttaaaaaact	480
ctgtnttcna	acgctngggg	agactgattt	gaataataat	aaaancctgg	gcttctgcaa	540
aaaaaaa						547

<210> 749
 <211> 557
 <212> DNA
 <213> homo sapiens

<400> 749						
gatgtatgtt	gtgttcacag	cgaagggtact	cccttcagcc	tgtcccagaa	aggaggattc	60
caaaccgata	cttaggccag	cccagcccct	ttacacaccc	acacctcctc	agaccagggg	120
aggtaactcc	aggactatct	cagggtggaat	atgcacttcg	cagacacaaa	ctaattgtctc	180
tgatccagaa	ggaagctcaa	gggcagagt	ggacagacca	gacagtgggt	gtgctctcca	240
accctacata	ctacatgagc	aacgatattc	cctatacttt	ccaccaagac	aacaatttcc	300
tgtacctatg	tggattccaa	gagcctgata	gcattcttgt	ccttcagagc	ctccctggca	360
aacaattacc	atcacacaaa	gccatacttt	ttgtgcctcg	gcgagatccc	agtcgagAAC	420
tttgggatgg	tccgcgatct	ggcactgatg	gagcaatagc	tctaactgga	gtagacgaag	480
cctatacgct	agaagaattt	caacatcttc	taccaaaaat	gaaagcttga	gacgaacatg	540
ggttggtatg	actggac					557

<210> 750
 <211> 125
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(125)
 <223> n = A,T,C or G

<400> 750						
gagaggcaga	gcagatgctt	cggtgcctgg	agcagcacc	acagcctcct	ggctgggaag	60
tgccctctgt	gtcaccctact	ggacctcang	attcctcaaa	ataaagacgg	aacgataaat	120
aaaaa						125

<210> 751
 <211> 457
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 751						
ggcacatttc	ttgatccttt	ttaagccaag	gggagatgta	cttgctttgc	ctattgaggc	60
ccttcctacc	acccaggctc	tgatggctca	gggtgccttc	ctatggatgg	cctggggaaa	120
tgggcagggc	ctcacatgtt	accaatgaaa	gccagctccc	tggtgccacg	cgttttactc	180
attgctggat	ccctagggcc	tagcacagt	cctggaacat	gcacgtgcct	ctgggcatat	240
tcagtgaatg	aatgaacaag	ggaatggagg	tgggtgaggg	tggactgcta	gggaaaccgg	300
gaacatatga	aggcagcacg	aaatcgtgtg	tgttgggggtg	aaaatggacc	actggagtct	360
caacttattt	gaaatggggg	gnaangtcat	tcaactagn	agncaaagga	tattttggga	420
aacttcttat	accaaanaa	tttcttgctt	taataaa			457

<210> 752
 <211> 553

<212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

<400> 752
 agacgagaag tcttgccctgt tgccccgggtt ggtctccaac tcttgggctc aagacatcct 60
 cctgcttcag gctccctcag tgctgagatt tcagcacaca gaggaaaggc catgtgagga 120
 cacagcaaga aggcggccat cttgcaagcc aagaagagaa tcctcaccag gaaccaactc 180
 tgctgacacc ttgctgttgg acttccagcc tctataaatg ttcacaagca caccactgtt 240
 tacacccatc tagaaggccc ctcccagctg acatctttct gcctaccttt caggaagaca 300
 gacgaaactc tctgccttca ggtggggcaa gactgctgat ggctggaaca ggagcttggc 360
 acctccaccc ttgaccacaga cacaagcctg tctgtcccac tcaaatcgag ctggccagag 420
 actacaactg gggtgggtnc caaagacata gaaaagccag aananggcgg gcgcagtggc 480
 tcacgccttg ncagcacttt tgggaagccc gnggcaggca aatacctaaa gggnaagaag 540
 ttaaagaacc atc 553

<210> 753
 <211> 163
 <212> DNA
 <213> homo sapiens

<400> 753
 tattcttcat ttgaaaaatg ggaaaaagaa gtaatatcac gtaccttgac catggtatca 60
 gagaatgacc tcagaagttg tgagggaatt ctgagacaaa actttgaaat ataatccagg 120
 attcaatcag tataaaggac gctcagcata acccaagaag gtc 163

<210> 754
 <211> 435
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(435)
 <223> n = A,T,C or G

<400> 754
 ctttctcttt catgcaaggg atcattggga cctnanntgn ncgagtnacn tcgttttnant 60
 cactccgcca acatgtcgtn agggagggcn gtgttttcnc ngctaacang tctcattaag 120
 ngnanatggg ggcttttnacn ccctattnag ctantttncn gtngnggctt tcngtaccca 180
 gctacaacag aaganccttc tncacttcca aatgggtttt natcatcaat caccgngnat 240
 gaaaactcaa aaccaaatac cnggcttata atcagtattc taatngggca gcnaatggct 300
 tttagtgcgc taagaaactt ttaanccccc ttgggattnt tattatttca naaaaattnc 360
 angcccccac ggaaccccct tggaaattnc ttgggnaaaa aacctttttt cntttcacaa 420
 ggccaccaac ctttc 435

<210> 755
 <211> 121
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(121)
 <223> n = A,T,C or G

<400> 755
 ttctaccttt tgagcntggt cagnctgggt aagtccaagc tgaattggcc aattntttng 60
 tttttaaccc nggaanaant cttnnnaagc cacntttgta ntttaccccc atttttcaca 120

<210> 759

```

<211> 322
<212> DNA
<213> homo sapiens

<400> 759
agggcggagc caggtgtacg ggatggaaca tgagagcgga ccaggagcgt gaccgctgca      60
ctgacgcttc cgctagacca cagtctgctc ggcgacgggt gtcttcccag atgctggcat      120
caccgctaga ccaaggagcc ctctgggtggc cctgtccggg catgacagaa ggctcacgca      180
cttgccctgt agtcacttgt cactcaccat gtcccttcag ctcctatctc tgtatggcct      240
ggtttttcct acgttatgat tgtagagcga ggattattat aatattggaa taaagagtaa      300
ttgctacaaa ctgaaaaaaaa aa                                           322

<210> 760
<211> 124
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 760
ggccaattgt tttgcttttt accctggaag aaatantcnt aagccacntg tngnatgtac      60
cccnatctt gcnnataaaa cnggnaccat ccccgagag agcgacacng tcttcattga      120
catg                                                                124

<210> 761
<211> 342
<212> DNA
<213> homo sapiens

<400> 761
gtacatccac atatttgga gctgccttca cctaaagagg aaagaagagg atggaagtga      60
ggctggtgtt tatgtttaat tgttcactgc tcaatgctgt atcccatca gaatcaaac      120
aacatgctgg cacatggagc tgaccaggaa aaacagaaag gtggcaagac aatcaaaatg      180
ctggcaaaa gaaaacaggg tgaatgagag taacttaaga caaagaagac tggacatacg      240
ggccatattt tgaaataaga aaatctgaag aataaaggat atttttcatt ctcttttttag      300
caaactcaat acattggtag cattttcttg tcaaacaaaa aa                                           342

<210> 762
<211> 158
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 762
aaaagtatag taagaagaaa ctgaatttga agtggattct tacnaaggaa aaagaaaatc      60
actattgtaa ctataccaaa ttactatatt atgtggntgc ccncanaatt cacatatgnn      120
ccccctcctn ntttgcccg nccctccggcg ccccttcc                                           158

<210> 763
<211> 188
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(188)

```

<223> n = A,T,C or G

<400> 763

tctgatcaag	aatggcaaga	ccattcagnc	tttgnacccn	gtgacnggtg	cttgaacttt	60
agccgngtgt	gttttgtgtt	tnaacgcgnt	aangaagtcg	cacactctgg	tcattgctgtt	120
ggtgatantc	ctggagtagc	ntttaaggtt	gtcaaaaagta	gccaatgtgt	ctcttttggc	180
cctattcg						188

<210> 764

<211> 607

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(607)

<223> n = A,T,C or G

<400> 764

gtcacatttc	aaaggccaga	tctttcccag	ggcttaagct	gttccttgga	tacttttgag	60
acgggggtctc	actgtgtcat	ccaggctgga	gtgcagtggc	acaatcatac	ctcactgcag	120
cttcaaccctc	ctgatctcaa	gctatcctcc	agcttcagct	tcctgagtag	ctaggactac	180
agtggagtct	ccggccagaa	ttaattagaa	cagcactttt	gtggcttgta	catggacact	240
catcttcatt	tcttggaactc	tgagcctcaa	tttctcattc	aagtggagaa	agcatataac	300
aagaatatgg	tcctctcgtt	tattgattgc	tgtactaagt	atttgaaact	gacactagca	360
gcagggatat	tcagcccagg	cctgggagca	tgatggaaca	tcaagtggat	tcaaagattt	420
aatttcatta	aattccaaga	ggagccacag	agacagggtt	tcggcatgtt	ggccaggctg	480
gtctcaaaact	cctgacctca	agtgatccac	ccacttcagc	ctnccaaagt	tctgggacta	540
caggcgtgag	ccaccatgcc	cagctgagac	tncaattctg	ctcangatga	caatgggtca	600
acaacaa						607

<210> 765

<211> 301

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 765

ggaagtcca	aattgcagaa	cgatgttcaa	ggaagtggga	tataccaaga	acacagatca	60
cacatccaga	gtaagcaatg	gacaanaaac	agactggctg	aagtagagga	tttatatatg	120
tcattgagtgt	gccacataaa	atgaaaacgg	acaacggaca	nggatattgn	agnaaaactt	180
ttgananttt	tgttcagcaa	tggaaatttg	tacacactac	aggaataccc	tataatttgc	240
aaggtcaggc	cacagtagaa	agggccattc	ggactcttaa	gacacaattg	gaaaaacaaa	300
a						301

<210> 766

<211> 436

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(436)

<223> n = A,T,C or G

<400> 766

gcaagatccg	gcctccttgg	caccagtttg	catcttgttg	ccctcaacta	ctacacaaac	60
tcagcctgcc	tgcaccaca	tgaaataaac	agtcttgttg	ctcacacaaa	gcctgtttag	120
tggctctctc	acacagatgc	gtatgacatt	tgggtgctgaa	gaccagggtc	agaggggactg	180

cttcaagaga	ccagttccct	gtcctcacc	tcactctgtg	aagagatcca	cctacaacct	240
ccgggtcctca	gaccaaccag	cccaaggaac	atctcaccaa	tttcaaatca	gatggattct	300
cgctctgttg	cccaggctgg	agtccagtg	cgccatctgc	aagctccgcc	tcctgggttc	360
acgccattct	cctgcctcag	cctccccagc	caaaaaaggg	nccccctttg	ggggggggaa	420
ccttaaaca	gggggt					436

<210> 767
 <211> 202
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 767						
gggcaatcct	tttgcttttt	accctgggag	aaatactcat	aagccacctc	tgnnnntttac	60
cccctgtgtt	cannatgang	aanggtgnatn	tggnaatctg	ttgtcacaaa	caagatntga	120
actcatgatt	nntggtgacg	gaaaacanac	tctnntatgc	tgcntgcctg	aaaatgccag	180
tgctgngcct	tggaagaat	gt				202

<210> 768
 <211> 206
 <212> DNA
 <213> homo sapiens

<400> 768						
aagcagaagc	tgccagtgtc	gggtcccagaa	gtaacaaccc	agatcctgaa	ggcatctttc	60
ctggaagtgtt	tcctaaaaga	tgatccaaac	acctaactaa	ctatactgat	ttacaacagc	120
accaacaaca	tcaacaacaa	acctaaggcc	cagagggtcag	aactattaca	aatataatgt	180
cgatatccata	aattcctaaa	aaaaaa				206

<210> 769
 <211> 373
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(373)
 <223> n = A,T,C or G

<400> 769						
gagctcctgc	attagctcct	gcnttaagtc	agagctngcc	agctgcaacc	cagaaaaccc	60
agaggagaag	tttcagctct	atatgcagat	catcaacttt	tttaaaggcc	ttagctgtgc	120
aaacactcaa	gtaaagcagg	aagcatcctt	tcccgttgat	gaagagatga	tcatgttgca	180
gtgcacagag	acctttgacg	atgaagattt	gtaatgcaga	agaggagctg	cgaggggagg	240
gactgaatga	ggtgggcagt	ttccaagggt	gaatgctggc	agctaagggt	gcacctgcct	300
tggcctccag	gactctttgg	agtgggttgt	tccagaagca	ttttgatgat	tttaggttct	360
gattattatt	aag					373

<210> 770
 <211> 487
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 770

acatggaggt	ctcgctatgt	tgcccaggct	ggtctggaac	tcctggcctc	aagtgatatg	60
atcctcccat	ctcagcctct	caaagtgatg	ggatttggaa	atgttattgg	ttcatgcaaa	120
ataccagtaa	atcatgactc	cactccactc	cccaaccctg	ccccaatagg	ggccttggtg	180
cagttttcagc	catctgtaag	acaaaaagag	cacctggggt	cccagtgctt	cctgttctctg	240
ctggagcccc	cacagatggt	gttcccatgc	cttctggcct	tgccattcaa	tatcagcaac	300
aacagcagga	gtgggcagca	gtggacgtca	tgaaccttgg	caggctgcac	gcaacatgtg	360
ctccaagaaa	ataacacact	tcccatgtaa	gcacacagtg	gacttacatt	taatggactg	420
ncatgggcta	aatnctgtnc	cctgnaaccc	anttattttg	tggaattcta	accccaatac	480
ctggaac						487

<210> 771
 <211> 471
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 771						
cccaggaggc	cttcgcattc	tctcaccact	gaccactga	ctcatccaga	acaactttca	60
gttatggcaa	gctccagtct	tgaggatggg	gcccactgtg	ttgctcaggc	tgcagtgcag	120
tgacaggagca	atcacagcac	actgcagcct	ccaactcctg	gcctcagggtg	atcctcctgc	180
ctcagcctcc	tgagtagctg	ggactacaag	cataccacca	ccactcccgg	cccctcctct	240
gtttttgaaa	ggcttgagga	tgctggatcc	ttcagccagc	agtgagcatt	cctcatttca	300
aggcaggaat	ccccccatt	gtgggcaagc	tgctccaact	tcttccaact	cctggcagga	360
aatccttcct	gggtccctcc	ttcagctcct	gtcaagtccc	gtttgtgagg	actgggtcaac	420
cccgaagnc	tgntttttcc	ttccctgntt	gggggaaggc	ctttccaaaa	g	471

<210> 772
 <211> 263
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 772						
ccttttgagc	atgttcancc	ngngtaagaa	acaagcggat	ttgnaccaa	gtccaccnat	60
caggcnttan	nntctccaac	aaganaanag	cntggctgca	tctgcnaaga	ggacaatacc	120
aacagtcgnc	ttggtnnttg	gctgcacaaa	aggccgangc	cccaagcgat	ttccccggcc	180
tgtgngaagc	ccaattacaa	agcttggnntg	ccccancga	ancttgga	cactnggagn	240
ccaccctgca	cttaattatta	act				263

<210> 773
 <211> 447
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(447)
 <223> n = A,T,C or G

<400> 773						
gttttcaaga	gagagggctg	gtcataataa	tgacagtaaa	ggaggcagaa	gagaaggagg	60
aatgccttct	ggtcctttca	gaaccccagg	tccagcccag	gagacaagct	ggtgacatca	120
tcctgctcta	caaaaaagga	attgttcagc	ctccaatgaa	acagtgagat	ctgccttccc	180
caaagacaag	gtctctgcca	tcccacgtgt	atttcctgat	aagatatgag	ggggagagcc	240
tcacctaaat	gggaaggcca	tgtctgatgt	ccgtcagcac	ttgtgacagg	gagaaagacc	300

ttcacgtgag	aatgtttctga	gggccatcac	tattcacaaa	cccttattee	acntttctttt	360
tttcttancc	aatcctggtc	agccattaag	ttaattncat	cttctctgct	ttttccctga	420
ananggataa	nctggagtgtg	gggcccc				447

<210> 774
 <211> 445
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

<400> 774						
ttggggaccct	tgaagttttcg	atztatattg	atgaaacctg	aaaccattgt	tcaaagcata	60
aatgaggaaa	gtggttgcaa	caaaaaggat	gaagatgtcc	cacaggaagt	gatcccagca	120
aaaaacttta	cattatagga	acttccagag	gattgctttg	cacggtttta	gcttgcatgg	180
tcattttttac	agccccatac	tgccatgaaa	agtgaggact	gtttgtgtgt	ctaaaatggt	240
taacagaagt	taaaaaacct	cgtttctcat	cttcctcaaa	agtatgtcat	aaagatcccc	300
gacaagaaca	tcacttaaaa	atccagcagg	ggaaatgngc	caatattcaa	ggttnccctgg	360
gctggtnggc	acntttaagt	ttttggactc	ttgaaaatgg	tctctgggac	tntgtcctgg	420
gngagaagaa	agccagcagg	gcccc				445

<210> 775
 <211> 446
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(446)
 <223> n = A,T,C or G

<400> 775						
agacctgtat	tgccettaaca	ctcccaggaa	tgaccacctg	caagcttgcg	ctgctctcca	60
gngctggaat	tacaggenng	agcctgagng	cncaccnaan	tacccttttt	taaacctgct	120
gtctccggag	ggtgccgaaa	gttggttttn	ttcngncttc	ttntntntnc	caagcccaag	180
gctgggacaa	agnccggntc	ctgcctgcaa	cctgnctgga	aanagnaacc	ttggnagccg	240
ggtncggaac	ccttggggaac	cgtacaaaat	tcgaattcta	ngggcgggaa	aacgttacca	300
gaaactttnt	ncccaaagcc	ggnttcctgg	gactntntna	acctcctacc	ggttttttaa	360
agaaggtttc	cgggtttcgn	ccttcttctt	tgngcttggt	tccgnctttt	tgcccttnga	420
acnccggatt	ttgacgtggg	ggcccc				446

<210> 776
 <211> 274
 <212> DNA
 <213> homo sapiens

<400> 776						
aaagcctaga	cgctggaaat	agtgccatgc	agcccagact	ccagcacaca	tcagcctcct	60
ggcaaattctc	aattcttctc	agcatcagtc	tccagaatgg	aaaatgaagt	acacaaaaag	120
ctttgacagc	cctgtatgac	tatcaaagga	agtactgcaa	ataaattggt	agcaaaatga	180
agaaatgcaa	tagaaatgaa	aatactggga	cttgccctgtt	caactaaact	cctctagagt	240
ttacagtaaa	aatactgata	tcctgaaaaa	aaaa			274

<210> 777
 <211> 204
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature

<222> (1)...(204)
 <223> n = A,T,C or G

<400> 777
 ggaacctcga gtggttggga taagaagcaa gtccagcttt cctgatcatg nggcggaggc 60
 caaaatantg ggggaaactc atttttcang gggctccttn tgagcacgaa acaactccng 120
 tctttaccct gtannaangg ncnntgngtg gcanntttac cctggaagaa atactcatnn 180
 gccacctttg ttattttacc ccaa 204

<210> 778
 <211> 741
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 778
 accttttagg ttgaatttga ggttttctgg tttcagctgg ttctgcactt aaatttcgga 60
 atattctctg ctctcttctc ccacctccat ctgcatgtga agaatagtac ccacagataa 120
 cccaacagtc atccaactag agggcaagat catccaattc cttgctactc aaagtgtgat 180
 cttggaccag cggtatcagc atcatctgga agttcgtgga aaatgcagtt tcatgccata 240
 ccccgtagct gctgaatcag aatctgcatt ttaacaagat cccagccat ggaacgagga 300
 ctggagcccc cagctcagac ctggacactc accacgatcc acccacaggt ttgcagagta 360
 cagcgaggca acaaagcact gcctcttctg aatatagcac caggggtgatg tccaggaaac 420
 cagaaacaac tctggggaaa acggatttca gctagccctt aatcaaaaag cccacttctg 480
 aaaatttggg ctncttttgc agactgacaa aacccctttg gantaaccca cttgtcaact 540
 tatttatgaa taaaactctg agaaatttgc tctactgcca ggtncagat cccttcaaaa 600
 ttcaaaaaga tggaaaatca gacagngggg gctttaangg gagngggntg tgattttttt 660
 ctgggaagga agggaaaaag gaactttttg gagngaaggn aaggttantt taaaaaaact 720
 gggggttaggg ggggggggatg t 741

<210> 779
 <211> 481
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(481)
 <223> n = A,T,C or G

<400> 779
 aaaaacattt ccctagatag aagctgctcc actattctga agggaagtag aaacgatgaa 60
 aagcagagct ggagatgatc catgatggac atatagttta caggtctttg aatcctcagt 120
 ctgaagaaag cactgacttc tggttaaatt tgagcattga taccagtcaa agcctcatct 180
 tcagacacag gagaaggagg agcattatcc gctgcttgga ccgtgagtgc gtaagtccgc 240
 ccgactatca tttccacccc tggagcgatg gtgataagcc ctgttggttt attgatgatg 300
 aagtctccct gagcccaaac aaggatttca tatgtgatct cccatttga ccctttgtct 360
 gggtnactg gaagggagct ggaaatggaa aatcacaaca taaatcctct tgggnctcaa 420
 cttttcacca ccattgctgt ttttccccca caaaagaagc ttgctttcaa gaaaaaaacc 480
 c 481

<210> 780
 <211> 401
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(401)

<223> n = A,T,C or G

```
<400> 780
agacagggtc tgcgtctgtt ggcagactg gtgtgcagtg tcatgatctc agcttactgc      60
agcctccgcc tcctggattc aagctattcg cctgcctcag cctccagcac agctgggatt      120
acaagcactt gccaccattc ccagctaatt ttttgtattt ttggtagcaa cgggggtctc      180
accatgttgg ccaggctggg ctggaactcc tgacttcagg tgatccgccg ccttggcttc      240
ccaaagtgcg gggatgacag gcgtgagcca ccgtgcccg cctaataata actctttcaa      300
ccaattgccg gtcaagaaaa ttttaaaatc taccttatga cctgggaagc cccgcctcac      360
caccagggga gcaggccan cnttancgat tggaacctgt c                                401
```

<210> 781

<211> 485

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(485)

<223> n = A,T,C or G

```
<400> 781
gccacaggc agaagggact tgccttgtct canatgaaac tttggacttg gacttctgag      60
ttaatgctgg aatgagctaa gactttgggg gactgttgaa aaagcatgat tgtgttttga      120
aatgtgaaga tacgagattt gggaggggcc agggtggaat gatatgattt ggctatgtcc      180
ccactcaaat atcatcttga attgnagntc tcataatccc catatgttgt gggagggacc      240
cagngggagg taattgaatc atgggggtgg ttaccaccat gctgttctca tgatagtgag      300
taagtctctc caagattctg tggttttata aggggttttc tccttttgcg tggcacttct      360
ccttgctgcc gccattcgaa gaacatgttt acttctcctt ccaccatgat tgtaagggtt      420
tctgtggcct cccaccctg aagactgtga gtcaattaa cctcttttct ttataaatta      480
aaaaa                                485
```

<210> 782

<211> 342

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(342)

<223> n = A,T,C or G

```
<400> 782
ttggttgac gaacctgaag atacagaggg ctgactgtat gttcaagtaa ctgggaattc      60
angctgggct ttgtggctcc cacctgtaat ccagcactt tgcgaggctg aggcggggcg      120
atcacctgaa gtcaggagtt cgagaccagc ctggccaaca tggtgaaacc ccgtctctac      180
taaaaataca aacattagcc ggggtgtggt gtgcacacct gtaatcccag ctacttggga      240
ggctgaggca caagaattgc ttgaacctgg gaggcggagg ttgcagtgag cccagacctc      300
gctgatgcac tccagcctgt gcaacagagc aagactccat ct                                342
```

<210> 783

<211> 416

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

```
<400> 783
gctggagtgc agtggcacia tcacgggacc tcctggattc aagcaatact ctcatctcag      60
cctcctgaat agctgggacc atagcacaag ccctgtaaga atgtgagagc gctcaaggat      120
```

gttggctact	gggaataaac	atttgtgact	acaaccacaca	aaacaatctg	cacatggcta	180
atcaagagaa	gactgcattt	tcctattttt	gtttatatca	taccagtaga	acattgtaca	240
ttaaatctat	aatgatgata	aactgcccac	tgggattttc	ttcattcttg	taatcaccct	300
taggactcaa	aaaaatcccg	gngaggtttg	cacttttcaa	attctgttgg	ggggaaatgc	360
tgcaattagg	tgctattgaa	ccaatctttg	aaaattaaaa	atgctgtaaa	aaaaaa	416

<210> 784
 <211> 161
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 784						60
ggctgctgcg	gcatggaaag	gaaanatgcc	accctnattt	tgtagncttg	gaaaaanaat	120
cacatgccnn	tggaangnan	ntgccttttg	agcangttca	acctgggtta	gnccaagctg	161
aattggccaa	ttnttttgc	ttttaccctg	gaagaaatac	t		

<210> 785
 <211> 452
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 785						60
aataggccaa	gaagttttaa	cagcnccttt	ncattnaaga	gagggacacg	tattatgctg	120
gaccttgat	tattttaaagc	natgctacaa	catnancan	atgctgnagg	ntaancaacc	180
acagcnnacn	gtgaggngga	accnccttgg	cgattgttag	ccagcaccaa	natcnaangc	240
attaggatcc	cnggtganca	cagaccacgc	ntgncatctc	tgcnaagggtg	acattnnatn	300
ctatttgaan	aagaanacat	ncatattgnt	tnnnacgttg	ntatttggag	ttttctgtca	360
gtagcaggca	aacctaatc	taactaacat	agcctacnac	ttactttcac	aaatttaaca	420
atctatgcta	catcctgnat	aattcctacc	atcttgatta	tttactgaan	atgatgaaat	452
ggtcagntat	ggcncatgcc	ttttattggc	ac			

<210> 786
 <211> 674
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 786						60
gaccagtg	ttgtactgga	gaattttatc	cctaagccct	gcctgacaat	acaacgaaac	120
tgacatcaag	gacgagtga	gaaacaatga	accagacagt	ctataaccag	catggaacac	180
tattgtatgc	agacagacat	gctgaactat	ctggaagtcc	actgaaaagc	aaaagcacta	240
ggaagccttt	ggcatgtatc	attgggtatt	tagagatcca	tcctgcaaag	aaacctaattg	300
taattcgcac	tacaccaagc	ctgcaaacc	caactaccaa	gcggatgcta	acaactccaa	360
atcacacatc	tctgagcatt	ctggggaaaa	gaaactacag	tcatacacaat	ggctctggatg	420
aactcacgtg	ccgtgtgtca	gactgagctt	tccttgattc	attctacaat	ccaagacttg	480
ctgactgcct	gctgatgttc	acagccgtgc	ctgggaagaa	ggcaccacac	tcccagtaca	540
tttcaagtgg	gagacctctg	cgtgcatcca	tggagacgca	atggggcggg	gaangactgt	600
gggagtnacg	ttccaaatcc	tgtgtcttca	cgtgtggatc	ancagcacct	cgctttcctg	660
tcaaanaccc	tggtgttacg	gagcgagacc	tgctgagaat	tgangggctg	aggaaccctt	

cactcttctt tttg

674

<210> 787
<211> 166
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 787
ttctacaatc caaagactnn ctgcactccc tttngagnan gttcaagcct ggttaagtcc 60
aagctggaat tgggccaant ctttcgcntt ttaccctgg naagaaatac tcataancca 120
cctctnttat ttacccccaa tccttccaag aaaaaaactg gtgatt 166

<210> 788
<211> 163
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

<400> 788
gttcagcctg ggttaaagtc caagctngaa ttggccaatt cttttgcntt ttaccctgga 60
agaaatactc ataagccact ctgntaattt ccccccaaat ctttncaaag aaaaactggg 120
agatttnttg cctatgncct ttttnattct tgaaaaatgc tcc 163

<210> 789
<211> 133
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 789
atccttttgg agcattgttc atgcctgggt aagnccaaag ctgantnggc caattctttt 60
gctttttacc ctggaaagaa atactcataa ngccnccttt gntatttacc cccaatcttc 120
caagaaaaaa tgg 133

<210> 790
<211> 276
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

<400> 790
ctttccagag acgaatcttg ttgcccaacc cccgcgcgng gaccgaatca nncctnnngn 60
gcangttcag cctggttaag tccaagctga attggccaat tcttttgctt ttaccctgg 120
aagaaatact cataagccan ctctngttat tancccnan cnttanctga naaaangtnt 180
gaattntgag gttccttttc atctacttat tangagacnn ttgngnctta ancggcctca 240
tcttgctgga atggaaatac caataattag tagctg 276

<210> 791
 <211> 203
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 791	
aggaaccaca ccttttgagc aagntcagcc tgggtaagtc caagctgaaa nggccaancn	60
tttinncttt taccctggg aagaaatact catnagcncn ctttggtntt tanccccaan	120
nttctcgaga aaaacaggcc caaccaatga ttgagggggc actgtcaagc attccaaaag	180
tctgggcnc t aagggaaga ctt	203

<210> 792
 <211> 149
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 792	
atccctttct ggaggcatag nttcangccc ctgggtttta agtccaaagc tagaaattgg	60
ccaattcctt ttgcntttta ccctgggaag aaatactcat aagccacctc tgtnntttac	120
ccccaatctt cacaaagaaa aactgtatt	149

<210> 793
 <211> 533
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(533)
 <223> n = A,T,C or G

<400> 793	
gggtaacgtg aacagggagn ctggggaggc ntatttgtga gaagccaaat ctgagtgtctg	60
tcacatttca tcctgtctgc tgactaatat ccacgtttgg gaggggaagt ctccgaatgt	120
cttgcttctt ttttcacact caaccgtgac tgtgttacc cgctctgacc gtggcataac	180
atcctgacat gagaagtact tcagctcttc agggatttca tattgcagaa agttttgagt	240
ttaaacaact gtggaaagna tattattgct anttttggtg aattattatt ttatttttaa	300
aaacagggtc ttgctctgtc acccaagctg gaagtgcaag tggcacaatc ataacttcac	360
tggtacttg aactnctggg cccgaatgat cctnccanct caaccctttg agtaactaag	420
gactatgggt ccccaaccac ttgccccct naattttttt tgtttggggg aaaaggggtt	480
taactancct ggccaaaatg gattttaaaa ctcttgggct taaagggacc ctt	533

<210> 794
 <211> 424
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 794

atatcccctg	tgatctgcnc	ctacacatcc	agatggcctg	aaccgcctg	caccggggtg	60
aaataaacag	ccttgcctgt	cacacaaatc	ctgtttgggt	gtctcttcac	acggacgctt	120
gatgcatttg	gtgctgaana	cccaggtcag	agggactcct	tcgggagacc	aagtcccctg	180
tcctcgccct	cattccgtga	ggagatccac	ctactacctc	aggnetcaaa	ccaaccaacc	240
caaggaacat	tttaccagtt	ttcaatcgga	caggaatggc	aggctcttga	acccaaacta	300
aaccattata	ttccctgnga	cctggatgta	tacattcaaa	tggcctggaa	ncactggaaa	360
tccncaaaan	aagggaataa	agccttaact	ggagaaaatt	ccnccttggg	aattgggtttt	420
ggcg						424

<210> 795
 <211> 462
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 795						
aattttctag	gcaacagaac	cttgtggata	tgaattttta	gcagacactt	aaaagatcac	60
cttgccaggc	tccacaattg	gccttcggat	atgctaacaa	cccctaagaa	gaatacaatt	120
tattgcataa	attctgatac	tgtgaacagt	caagatgaaa	gtacttagat	gggttagtaa	180
tgatgtttac	taacacctca	gtatatgcaa	aatccatata	tgttttttta	aagaggatcc	240
accggggagaa	gaacccaaag	aatgncttgn	gagacttcat	ctgctaatat	ttataaagca	300
tctnaaactt	cttcagtga	aggngacaat	ctgtaagcac	cttgaactgc	cattgacaac	360
tgacatttat	tgagcatgga	cttcggatca	gaccgtgtac	caggctgtgt	gcccttacct	420
atggcagtc	gctgccacct	gctcagatgg	atggacacca	gc		462

<210> 796
 <211> 415
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 796						
agtgaatgg	cgtgatctcg	gntcactgca	agctccgcct	ccccggttca	cgccattctc	60
ttgcctcagc	ctcctgagta	gctgggacta	caggtgcccg	ccaccacacc	cggctaattt	120
ttttgtattt	ttagtagaga	cggggtttca	ccgtgttagc	caggatggnc	ttgatttttc	180
gacttcatga	tccgcctgcc	tcggctccca	aagtgtctgg	attacaggcg	tgagccacca	240
tgcccggcca	agcactttct	tgaacacaga	ggtgaccatg	aggagggagg	cgtgaaccan	300
gatgacnggg	caacagatgg	agcctgcctt	ccttgagaac	ttaaggtgan	cgaagtgcct	360
ggactggcct	cttctgccta	ctaactgaaa	aaaaaacttn	tttttcaaaa	aaaaa	415

<210> 797
 <211> 543
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(543)
 <223> n = A,T,C or G

<400> 797						
tacaactgag	cctgcctgca	cccaggtgaa	atatacatgc	cttgttgctc	acacaaagcc	60
tggttggtga	ctctcttcac	acggacccgc	gtgacatttg	gtgccgaaga	cccgggcagg	120
aggactcctt	cgggagaccg	gtccccctgtc	ctcgccctca	ctccctaggg	agatccacct	180
acaacctcag	gtcctcagcc	caaccagccc	aagggaacatc	tcaccaattt	caaattctgac	240

tcagcctgcc	tgcattccagg	tgaataaac	agccttggtg	ctcacacaaa	agcctggttg	300
tggaactctct	tcacacagac	ttgcgtgaca	gnggggacaa	ctcaaagcag	ggaggggggt	360
ttcaggnac	aaaaaaggga	gtcttactgg	ttgggccaag	ctaantcaa	acttctgggc	420
ttaatncatt	cttcttgctt	aanccttcca	aagnggtgaa	attacaggng	ngaaaaactt	480
gggccnctn	ccctgggact	ttattttcat	tntttgggcn	caaaaanctc	atttgtaaaa	540
aaa						543

<210> 798
 <211> 377
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(377)
 <223> n = A,T,C or G

<400> 798						
aaggggagct	ggggctctgt	ctgcacggna	gctgcctntc	cactccgaca	gcagaagcag	60
gcagaatctc	gctctgttgc	ccaaggctag	agtgggtgat	ctgcaatctt	aagctcactg	120
caaccttnca	cctcccagtt	caagcgattc	tcggcctcag	cctaccgagt	aagctgggat	180
tacagccata	caccaccacg	cctggctaata	ttttgtattt	ttaagtaaac	accgggggtt	240
tttcatgttg	ggcangctgg	tctcgaaactt	ctgggctcaa	gtgatctgnt	taacttaact	300
ttcttaaagn	gntnggaata	ccnggcttaa	ncccttgggc	ccanccnaaa	naaccttttt	360
ttaaagttaa	aaaaaaa					377

<210> 799
 <211> 483
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 799						
ggaggatcac	ctgagcccag	gaggtcaagg	cttcagttag	ctgcatctc	actgtcaggc	60
ctctgagccc	aagctaaagc	atggcatccc	cgggtgacttg	cacgtatacg	cccagatggc	120
ctgaagtaac	tgaagaatca	caaaagaagt	gaaaatgccc	tgccccgcct	taactgatga	180
cattccacca	caaaagaagt	gaaaatggcc	ggctccttgc	ttaactgatg	acattgtctt	240
gtgaaattcc	ttctcctggc	tcaaaaagct	cctccactga	gcaccttggtg	accccccant	300
cctgccccgc	agaaaacaac	tttgtaattt	tnctttgnaa	tccctttgna	atttttnttt	360
tacctancca	aatcctataa	aangggccca	cccttacctt	cctttggntg	actntttttt	420
tggaatnaag	cccgcctggc	ccccangngg	atnaaaagct	ttactgggtc	ccccaaaaaa	480
aaa						483

<210> 800
 <211> 145
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(145)
 <223> n = A,T,C or G

<400> 800						
acccttttttg	gagccaaagt	tcaagcncctg	gggttaaggctc	ccaaagctgg	aaattggggc	60
caaattctttt	tgcttttttac	cctgggaaga	aaatactcat	aaagcccacc	tcttgttatt	120
ttaaccccc	aaatctttca	caaag				145

<210> 801

<211> 120
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 801
 acccagattc aaatttagaa atacatttgg ccaggtgcna nngcttacag cctgtentac 60
 nancacttnn ggaggctcct tntgagcatg ttcagcctgg ttaagtccaa gctgaattgg 120

<210> 802
 <211> 450
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(450)
 <223> n = A,T,C or G

<400> 802
 atggagtctc actgtagtcc agatggagtg caatggcgtg atctcggctc actgcaagct 60
 ccgcctcccc ggttcacgcc attctcttgc ctcagcctcc tgagtagctg ggactacagg 120
 tgcccgccac cacacccggc taattttttt gtatttttag tagagacggg gtttcaccgt 180
 gttagccagg atggtcttga tttttcgact tcatgatccg cctgcctcgg cctcccaaag 240
 tgctgggatt acaggcgtga gccaccatgc ccggccaagc acttccttga acacagaggt 300
 gaccatgagg agggaggcgt gaaccaggat gacggggcag cagatggagc ctgcctccct 360
 tgagaactca agggaaccga gngntnggaa tggcttcctc cngcctaaat agntgaaaaa 420
 naaacttntt tttcaaacc caaaaaaaaa 450

<210> 803
 <211> 570
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 803
 atctttgaga accaccaccc cagcctttac cettaacatt ccattccgagg caaaccacac 60
 tgagcagccg cctgcaggcc tggggggcaag gctacaggaa gcagggtgtt ccattccctcc 120
 caggcgaggc cgcccaacac caacactgga gaagaagaaa aaacctcatt tgatggngga 180
 agatgaacct tcaggggccc tcttgaagcc gctgggtttt cgcgttgacg agaccacccc 240
 ggctgtggtg caaagtgtcc tcttgagag ggggtggaat aagtttgata agcaggagca 300
 gaacgcggag gactggaacc tgtactggag gacatcctct ttccgaatga ccgaacgcaa 360
 cagtgttaaa ccgtggcagc agctaaacca ccaccctgga accaccaagc ttaccaggaa 420
 agactgtttg gccaaacacc tgaagcacat gaggaggatg tatggcactt tccttgatcc 480
 aattcatccc cctgacgttc gtcatgccca atgactatac caaagttcgt ggnttgaata 540
 cttttcagga aaagcagatg ctgggcaccc 570

<210> 804
 <211> 111
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(111)

<223> n = A,T,C or G

<400> 804

cccgccttgg	aacccttttg	tttggattta	acnaggntga	nttngttaaa	anggggggga	60
ctncccaagg	acctgnnagt	actcatggaa	aagganttcc	ctggattttt	g	111

<210> 805

<211> 152

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(152)

<223> n = A,T,C or G

<400> 805

caagagccac	ttccttatct	atgccttgna	cgangctggt	gnacctggct	ctgccttttg	60
agcgagttca	gnctgggttaa	gtccaagctn	aattggccaa	ttcttttgct	ttttaccctg	120
gaaanatac	tcataagcac	ctttggtatt	tt			152

<210> 806

<211> 420

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(420)

<223> n = A,T,C or G

<400> 806

gttcaagcaa	ttctcctgcc	tgggcctccc	gagtaagctg	ggactacagg	cacacgccac	60
catgcccagc	aggcagacgt	ccaggacat	gcggccggaa	gaaccggatt	tcagcccggc	120
tgagtcacca	cagcagccgc	cttgtgatgg	atgtagcccg	caggcggatc	cagccgcctc	180
gaaacagggc	ctcaagggat	tggataaggc	ctaccacat	tgntgagggg	ggatcctgtt	240
actcagccta	ctaatagcaa	tgtctatctc	ttctggaaac	atcctcacag	atacaccag	300
aaattatgtt	taaccagcta	tctgggcctc	ccttgggtcca	gccaagttga	cacatgaaat	360
taccgatcac	aaacactttg	ttgcttcatt	gcttatcaaa	taaaagcaac	tcttctattg	420

<210> 807

<211> 440

<212> DNA

<213> homo sapiens

<400> 807

atgcacaacc	caaccttgaa	gtacagcaga	actaacattc	ccagggggcaa	ccttcaaccg	60
atttaagcaa	aagaggggtg	gaggtgttga	taaatgtaca	aggggtcccca	gcccttagga	120
agattctgac	atatattcca	caatttcata	tagtttctta	cagtgtcctg	ggtgggacaa	180
gccgagttgt	ccatatggtg	actcattaat	gacctctttg	tgccgttcct	cacacaactg	240
gctttccccc	ttctgtgatt	cactatttct	gcacttgtgt	ttcctgggat	gatttcccaa	300
ataaagtggg	agcttcaata	agtgtctctc	cctccataca	cacctagtga	tgtttactgt	360
gaaacatgtg	acaatgatat	ataacatggc	aaaatggacc	ttatagaatt	aagggttatgg	420
accttaaaat	ttaagacata					440

<210> 808

<211> 242

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(242)

<223> n = A,T,C or G

<400> 808

cttgatggat	cagctgacac	cacccagacc	antntctggc	tcaaccngtt	ctgccatccc	60
acccaggaac	agaaaacagc	aagaaaaact	cacttcgacc	ctctatgact	ccatctccaa	120
cttgaccaa	tcagcactcc	ccacttncca	agcccctacc	cgccaaatta	tcttaaaaac	180
tctgatcccc	aaatgttcgg	ggagacaaag	gttgagtnat	aataagaatt	ccagtctcct	240
gc						242

<210> 809

<211> 315

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(315)

<223> n = A,T,C or G

<400> 809

aactgacata	atattganat	gaaccaggca	tggagaccaa	gctgcaaaat	tccagaaatg	60
acctccagg	tgtagtcta	caaccagcc	atcgtnaaga	taacattaga	ctgcgttnca	120
ggtggacat	gactcaagat	agccaccana	ccaaggcacg	gacacctagc	acccagcacc	180
actcctgcat	gcctcccact	ctaagttccn	ctttataaac	acctctccac	agtcgaaagt	240
tngaaatcnt	cttttaaggg	catgagcttg	gccattccca	gatnttggca	tttgaataaa	300
ggaacttttt	tgta					315

<210> 810

<211> 434

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(434)

<223> n = A,T,C or G

<400> 810

aattggacaa	ctattcncac	naagaagcnc	ctttcnaaga	acaaaaaatc	aggggtgccag	60
anagaaaggc	atctcttctg	ntcaactgga	gacaaatgca	gattcattgn	agccagacta	120
aggcataagt	gactattcct	ctatgttccc	caacatgtaa	attgggtggat	tcaagtga	180
ggctgattga	agagtcagaa	agaatgnaac	ttttttgtct	cttatctacc	tgggaccccc	240
ccntatntta	actnggaact	ggcccccttc	cgcccccccc	aatcctgccc	tgttttgagt	300
tgncctgcct	ttctggacca	aatcaatgca	catcttacac	atattggatg	gtgnctcata	360
tctncctaaa	atnggaaaa	ggtgagctgg	accctgacc	acctttgagc	acatgggttg	420
ccaggacaca	agct					434

<210> 811

<211> 404

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 811

acaggtcaaa	cgcagaactt	taaagacg	ttttcaggaa	gagattcaag	tattacgccg	60
gttcntcacn	ncattgcnta	ttanctgaac	tgangtgcca	tatcgctgga	tggttctacc	120
tccaccttt	gttacttgaa	gaaggagaa	tncctgaaaa	ccaggctgac	actttgaaa	180
ttatgaatgc	caggggtggn	nccattncng	gggatcttgg	gtggattacn	ggacnnntta	240
atccctctgt	acatannggg	anagacaaat	tacaggctgn	cnataggtat	ctatatgtgn	300

gtgacncacc	ttaccgcctt	tncnngccgg	agccccaccct	acngncgctc	tnttcattctc	360
tntgccttat	ttgagaggag	ggctgggtgt	gtgtacaaac	taat		404

<210> 812
 <211> 429
 <212> DNA
 <213> homo sapiens

<400> 812						60
gttcaagcaa	ttctcctgcc	tcggcctccc	gagtagctgg	gactacaggc	acacgccacc	
atgcccagca	ggcagacgtc	cagggacatg	cggccggaag	aaccggattt	cagcccggct	120
gagtcaccac	agcagccgcc	ttgtgatgga	tgtagcccgc	aggcggatcc	agccgcctcg	180
aaacagggcc	tcaagggatt	ggataaggcc	taccacacatt	gctgagggtg	gatcttggtta	240
ctcagcctac	taatgcaaat	gcttatctct	tctggaaaca	tcctcacaga	tacaccacaga	300
aattatgttt	aaaccagttt	tttgggcatc	ccttggtcca	gccaagttga	cacatgaaat	360
taccgatcac	aaacactttg	ttgcttcatt	gcttatcaaa	taaagcaact	cttctattgt	420
caaaaaaaaa						429

<210> 813
 <211> 183
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(183)
 <223> n = A,T,C or G

<400> 813						60
tagggatgga	aatccgagac	ngcaacctgg	ttgngtgaaa	ggttcanana	ttggnccttga	
agaaaaactt	gcatacgaaa	ttncctgnnta	aattattancn	actgaaattn	ttggcttaac	120
catttcagaa	caatcccgcc	cngatggncn	agtgaagtta	ncctggatgg	ttaaagcccc	180
aaa						183

<210> 814
 <211> 459
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 814						60
ttatgttgac	atttgagaaa	agcaccataa	aataaacagc	cctgttgaga	taaacacacg	
ctgtcttctg	gaatgttaaa	ctgttggtcaa	ggataactta	aagttgacca	taaaacagcc	120
tcaggcgggt	acttcagaag	gtattccaga	agaaggcatt	gagctatcac	aggaaatgat	180
agcttcgtgt	gtcattgccc	ctgaagacct	tccagtggac	aagacgtgga	ggaggaagat	240
agtgcacatta	atgattctga	ccttgtgctg	gactaggcta	atgtgtttgt	gtcttggttt	300
ttaacaaaaa	agtttttaaa	ataagtatac	aagattaaaa	catttataaa	ataggaaaaa	360
aagcttatag	aataaggata	taaaggaaaa	tatttttgta	tagctgtgta	attgtttgtt	420
ttaagctgng	ttattacaaa	agaatcaaaa	agtttataaa			459

<210> 815
 <211> 316
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(316)
 <223> n = A,T,C or G

<400> 815
agacagaaaa ggggagaaaa ngacgaagaa aagggagagg aaaaggtgaa ncgaaaagaa 60
gagantgaat tgcngctgag gaagtggaag agcgagangc gctngcanat accatactta 120
anagnnggac ttttgnntgc gctncaacag gaaaatcatg ttatagatgg aggagaaggt 180
ccaagnttca cactgattag gccagaactt ccnntatocn gnggctatga acacnntgan 240
ttttnaacac nnctatctan tactcatntg tanccatcnc gctacataac taaaactttt 300
agtaatgact gtttgg 316

<210> 816
<211> 418
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(418)
<223> n = A,T,C or G

<400> 816
gttcaagcaa ttctcctgcc tnggtctana ccaagctgca aaattccaga nangacctcc 60
nggcnnnag gctaaccnnc cagggacatg cggccggaag aaccggattt cagcccggct 120
gagtcaccac agcagccgcc ttgtgatgga tgtagccgc aggcggatcc agccgcctcg 180
aaacagggcc tcaagggatt ggataaggcc taccacatt gctgagggtg gatcttgta 240
ctcaacctac taatgcaaat gcttatctct tctggaaaca tcctcacaga tacacccaaa 300
aantatgttt aaccagctat ctgggcaccc cttggtccag ccaagttgac acatgaaatt 360
accgatcaca aacactttgt tgcttcattg cttatcaaat aaagcaactc ttctattg 418

<210> 817
<211> 431
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(431)
<223> n = A,T,C or G

<400> 817
gttcaagcaa ttctcctgcc tcggcctccc gagtagctgg gactacaggc acacgccacc 60
atgccagca ggcagacgtc cagggacatg cggccggaag aaccggattt cagcccggct 120
gagtcaccac agcagccgcc ttgtgatgga tgtagccgc aggcggatcc agccgcctcg 180
aaacagggcc tcaagggatt ggataaggcc taccacatt gctgagggtg gatcttgta 240
ctcagcctac taatgcaaat gcttatctct tctggaaaca tcctcacaga tacacccaga 300
aattatgttt aaaccanctn ttttnggcnt ccnttggtcc agccaagttg acacatgaaa 360
ttaccgatca caaacacttt gttgcttcat tgcttatcaa ataaagcaac tcttctattg 420
tcaaaaaaaaa a 431

<210> 818
<211> 126
<212> DNA
<213> homo sapiens

<400> 818
taataaagca cacgcggccc gtataactct cgccctctct tggctctctt gagttttctg 60
tagctttttt ctgttttctt ctcccagagt cacttctccg acatcgatga ccaggctctg 120
gtaaga 126

<210> 819
<211> 327
<212> DNA
<213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(327)
 <223> n = A,T,C or G

<400> 819
 gaacaagctg acattttata aaggaagcac agntgactct ttggacaaca cgggatttga 60
 actngcacng ggtccactta cacatgggat tttcttccgc ctctgacagc aagacaaact 120
 cctccttttc cgcctccttc acctcagcct attcaatggg aagatgatga ggatgaagac 180
 ctttatgata aagaatagag caactggaca tcagcaaaaaa ggtgaatctt caccaaaaac 240
 tcccacctta tacaaaaaat taactcaaac tggaccacag acttaacgta aaacataaga 300
 ctataaactt tcagataaaa acagaaa 327

<210> 820
 <211> 269
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(269)
 <223> n = A,T,C or G

<400> 820
 gctcaccctcg catcaagggtt gctaagctgc tgtgatggaa tcctggagct gctgaaggac 60
 acctcatctc tttgtgggaa gcatctgctt gaggattaag ggaatgcaca aaaaaagtgg 120
 agnagagaga tggaggaaga tgactttcga ggacattgtg ngagcacctg gatctaactg 180
 tgcctgaagc anaactcaaa ccctggactc tcaatgtatt ggctctcagn tccaagacct 240
 aatanattcc ttcttagctt aaaaaaaaaa 269

<210> 821
 <211> 252
 <212> DNA
 <213> homo sapiens

<400> 821
 ttcctaactc ccacagcccc agagtccctgc cctatgccct aggggcagga atgctgatgt 60
 catgaagctt ccactaaaaa ccccagagga ctgggttctg agagcttccc tatggctgaa 120
 cacacggagg ttcctgaagc ttgtgcatcc ctctcccat acctcgccct acacatctgt 180
 tcatctgtat cctttgtaat attctttata ataaaccagt aaatgtttaa aaaatacagt 240
 tatgaaaaaa aa 252

<210> 822
 <211> 371
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(371)
 <223> n = A,T,C or G

<400> 822
 gaagagacat ctgtgaggaa gaggaagaag aggtgttgaa gganncnent tctggannna 60
 ccnctttctg nggaagaacc atgtgccagc acagcaattg ctggtcacat gaatgggacc 120
 accaagataa attccnnnga gaacgaggnt taccnctng gaantnctat tatatcacc 180
 ggacacacat natgcttaag attccactgg gagcnttccc cggatgcctt cttaccgtaa 240
 tcaaagggga gggtcagttt caccaagggg anttattatc ttttactttc aacctttttg 300
 gcttggnctc cccctttgtt anccttttgg natcnttntt taaagccttt ggntttccca 360
 ataaaaattt c 371

<210> 823
 <211> 173
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 823

cccttaatgg	aatccacctg	tttcancccc	ancagaatcc	anttgcctaaa	ggatgagtgg	60
accagttgct	aagtgggggc	tcaanaaagc	accgncttcc	ccacccttg	nctggcattc	120
tgactntttt	taaaacgccc	taanttaaag	ggcttgaaag	cttgaaaaaa	aaa	173

<210> 824

<211> 506

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(506)

<223> n = A,T,C or G

<400> 824

tttacaagac	taagccctga	attctttatg	gagcgagatc	caagaacccc	gtcttggcgt	60
ctggatccgg	acccctttcc	tgtaacactt	ggaggaggga	tgattctgat	tttcagaaga	120
caaggcttgg	gatagagcgg	gatgctcact	ggagtcttcc	cagacagagc	tacaggacag	180
ctcanattcc	gctgccggct	gcccccgccc	aaatcctcag	tgctcagtt	tacccatatt	240
tgtgacgggt	aatactgaat	gtcaacttga	ttggattgaa	ggatacaaa	tattgatcct	300
gggtgtgtct	gnaggggtgt	tgccaaaagga	gattaacatt	tggttcaagt	ggactgggaa	360
ggggcgggacc	ccccttaatt	tggttgggca	ccatctaatt	aactggcgnt	gnggctanaa	420
tataagcagg	cangaaaaat	gggaaaagag	acctgggcta	ancttntggg	ctacatcttt	480
cttccatggg	gggtgcttgg	acatca				506

<210> 825

<211> 518

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(518)

<223> n = A,T,C or G

<400> 825

agactcacgt	tgcgacatgt	taacagtaac	caatgtctcg	atgaaccttc	tgaagaagac	60
aaaatggtgc	ctacaatgcc	ggactgtagt	ggaagcagat	cccaacagt	gctgctaagg	120
aacatgacct	tgggcacatg	aagatcatgt	cctccaagcc	atgaaagtgt	ctacgctttt	180
gttttttccat	tattttcaatt	gggggaaaat	attaactttg	ctgaattgaa	agtttttaaaa	240
atccttttag	tatttctaaa	cacaattgtt	tctaattcgt	ttctagaaat	gtttgcttat	300
ttccctacta	aaatttgtat	ctgatcaaa	cacataagaa	tataaataat	agcaaactac	360
tattaaacaa	cagaacaact	tgtaaaacaa	attgtgtttg	ctttaagaaa	aatctttatt	420
gcactcatgt	catagggnta	atgtgagggt	atgtttattt	cgggtggcat	ggggantgaa	480
agagaaaatg	gaaatgcctt	ataaaatctt	cttatgaa			518

<210> 826

<211> 339

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(339)

<223> n = A,T,C or G

```

<400> 826
aggctgggag tggcagtgnc agcaatctag gctcactggc aagctccgtt tccccgggttc      60
acggccattc tcctgcctca gcctccgcag tacctgggac tacaggcgcc tgccgccatc      120
ttatgtccgg aattggtaga ttcttgctct cactgacctc aagaatgaag ccgcagaccc      180
tcctgagatg ggagtccttg tatgttacct agcctgaagt tcagtggcta ttcataaggca      240
tgatcacagt gcactacaag cctcaaacgc ctgtgctcag caatcctcct gcctcagcct      300
cctgagtagc tgaaactact gngtgcccca caccaccacc                                339

<210> 827
<211> 346
<212> DNA
<213> homo sapiens

<400> 827
gtcttacctt ggcctttcct tcctggctca aaacctgtgg gttcacctca caggtgagca      60
acctccagct tgacctcaag tccttctttt acaatacgtt ctcaaggaga cagaagccaa      120
gagtcctggc cctgcctctt ccttagctcc gaccccgagg tcacaaagga attggagcaa      180
agaatttgcc aagtcactca ggggtgtcagg cctctgagcc caagctaagc catcatatcc      240
tctgtgacca gatggcctga agcaactgaa gatccacaaa ataagtgaat atagcctgaa      300
ctgatggcat tccaccattg tgatttggtc ctgccccacc ctaact                                346

<210> 828
<211> 362
<212> DNA
<213> homo sapiens

<400> 828
gcacaagcag caggtccagc acattcatgg gaccaacctc tccgccagat cctcccctga      60
gtccagagtc acccaaagca tcctggctct ggtaagcac cacgatgggc agtcaattgc      120
agtgtatata agactcagaa tccgtctttg cccttcaagg atttttcacg tatcataaac      180
aacagttaca gatgaaatgt ttttgcaaag tgctttcata attttcattt tgtttgtaat      240
ttcataaatt tcattttggt aatgttgcaa tggagaagtt aaagaggcaa attattaatt      300
aaaaatgggc ctctaataag ttggaacaat gccactttta acccatttat taaaaaaggc      360
at                                                                                   362

<210> 829
<211> 349
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 829
gcatctccca gggggagacc tgtcacactg cctcattgca gtggcctcag gggctagaga      60
ttgagacccc acctgctgtg atgaataaac cgggactctc agcaacatgg gtagaaaaga      120
cttgccctaca aacaccgcag caagcaggta actttgtaca cagaccaaga ccctgcactc      180
catggatcat ctgacaccac ccagattggg aatctggctc aaccagttct gccatcccac      240
ccaagagaag aagacagcaa gaaaaactca ttttgactcc cctatgattc catctccaac      300
ctgaccagtc agcccttcct gnttcccaag gcccttacc accaaatta                                349

<210> 830
<211> 301
<212> DNA
<213> homo sapiens

<400> 830
gctggagtac aatggcgcca tctcggttta ctgcaacctc cacctcccag gttcgagtga      60
ttctcctgcc tcagcttcct gagtagctgc aattacaggc atgtaccacc acgtcgggca      120
tttctttatc agcagcatga agatgaacta atacatgagg ctatggctgt aacctcataa      180
tatgaatatg aatatgaagg gtctggattg ggacaatggt cattcatcca ttgatcattc      240

```

```

agcaaatact tgtttagag agtatggtaa gcaataaaaa ttacagtct accaaaaaaa 300
a 301

<210> 831
<211> 445
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 831
tgagaatcaa gaaaacaatt caataagaat ccatttttct tggtaacagg acacaattga 60
aaacactggt tatttaacca aagcttcatc tgaaatggca tattttacgg atatgacgag 120
actgctttga ggaattttaag tggaccttat aaagttgata aagagcccct tagaaagact 180
ggcctagtag ctcacttact tggttcccta ggagcctagg aacctcaaga tatttgggga 240
cctcaagaag agagaaattc actcaattta tgcacatatt acaggcatag tctaattggtg 300
aatcattggc tttggtttcc ccgtcttaaa angcttttan aagtccgaat ttgagattct 360
ttatgaaaac attccagcaa aggcaactta aaagacccta tatgaccatt cattatttct 420
ggttatgcc aataatcaggc ccagt 445

<210> 832
<211> 320
<212> DNA
<213> homo sapiens

<400> 832
ggactaatat tgagatgaac caggcatgga gaccaagctg caaaattcca gaaatgactt 60
ccaggttggt agtctacaac ccagccatcg tcaagataac attagactgc gttccagggtg 120
gaccatgact caagatagcc accagaccaa ggcacggaca cctagcacc agcaccactc 180
ctgcatgcct cccactctaa gttccccctt ataaacacct ctccacagtc gaaagtttga 240
aatcgtcttt taagggcag agcttggcca ttcccagatc ttggcatttg aataaagtag 300
ctctctgttc atcacaaaa 320

<210> 833
<211> 285
<212> DNA
<213> homo sapiens

<400> 833
aaaagtatag taagaagaaa ctgaatttga agtggattct tacaaaggaa aaagaaaatc 60
actattatta tgtgatgcaa caaaattcaa atatgaaaac catcttggag gccgggcgcg 120
gtggctcatg cctttaatcc cagcactttg ggaggccgag gcacggtgcc tcacacctgt 180
aatcccagca ctttaagagg ctgaggcggg cggatcacct gaggtcgaga gttcgagacc 240
agcctggcca acatgaagaa actccatccc tactaaaaat acaaa 285

<210> 834
<211> 381
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 834
aatcaagaaa acaattcaat aagaatccat tttccttggg aacaggacac aattgaaaac 60
actgggttatt taaccaaagc ttcatctgaa atggcatatt ttacggatat gacgagactg 120
ctttgaggaa ttttaagtga ccttataaag ttgataaaga gcccttaga aagactggcc 180
tagtacctca tctacttggg tcccttagga gcctaggaac ctcaagatat ttggggacct 240

```

caagaagaga	gaaattcact	caatztatgc	acatattaca	ggcatagtct	aatgggtgaat	300
cattggcttg	gtttccccgt	cttaaaaggn	ttttaaaaag	tcnaatttgg	anattcttta	360
tgaaaacatt	ccagcaaggg	c				381

<210> 835
 <211> 329
 <212> DNA
 <213> homo sapiens

<400> 835						
ataaacactg	aactccaatt	atttggaaga	cactgttcaa	gaaaccacag	agttgcagag	60
atgagtgttg	aaggagagac	ctagtgggag	gtgaatggat	catggagaca	gtttcccca	120
tgctgttctc	aggataatga	gtgagttctc	atgagatctg	atgcttttat	aagtgtttga	180
cagctcctcc	ttcacctgct	cacactctct	tctgccacct	tgtgaagaag	gtgcctgctt	240
tcccttccac	catgatcgta	agtttcctga	ggcctcccca	gacatgtgga	accatgagtc	300
aattaaacct	ctttctttat	gaaaaaaaa				329

<210> 836
 <211> 447
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(447)
 <223> n = A,T,C or G

<400> 836						
aacacgctca	agctccagag	accaagtgtt	cagcgtggta	aaagtcttga	aaagaaccag	60
aagccaggac	agatgctccc	gaacctgacg	gacaagctga	ggagcagacc	caggtgactc	120
catgccccga	tgacgccgcc	aacccgatga	ccctgacctg	gagaggaggg	aacagagcag	180
cgaccctnga	gaagagaaga	tatgacaacc	actgcagagg	agttacccta	tgacagaagg	240
tactctgttg	gagggaggag	ataatagcca	atgattatat	tcctccttca	tacttgagtc	300
acctctgaga	gagacatttt	anagacaaca	tctggaaagg	caaggtttta	ntccttcatt	360
ccaaattaat	taaattaaca	gattattttg	ccaggtgaat	gtaaaaccac	tcataggttt	420
acaatacctg	aaagtgtaaa	aaaataa				447

<210> 837
 <211> 311
 <212> DNA
 <213> homo sapiens

<400> 837						
caagaagacc	ctcgccagat	gcaagactcc	tcagccttgg	actcccaagc	ctccagaact	60
gaagtgatgg	aaaaactatt	ctcagcaaat	gagtggaaat	tgcaacaacta	caagatttac	120
ccattttttg	aaagctgcct	gagaaagaag	atagcaatcc	aaaagaaaaat	tcttcataca	180
gaaggcataa	agatgccccat	catgcagaga	gacaagcttc	aaggacatga	agcctaaatg	240
ggaaatcact	gctcttccag	gctccatgca	ggcaattgga	tgtctgtcca	gaacatttct	300
ggattaaatt	g					311

<210> 838
 <211> 134
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(134)
 <223> n = A,T,C or G

<400> 838						
aagcacttgg	ttctgcttcg	anatggaatg	acacttatan	gctttttaag	aagcattgat	60
caactttgca	anctnaatgc	ttacatntaa	actggaggag	cccnattcat	gttgggcnaa	120

atataactag tgaa

134

<210> 839
<211> 456
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(456)
<223> n = A,T,C or G

<400> 839
tcccagcggc gtgtcacatt tcacctgcc a gaaggctctc aggaaagcag cagtgatggg 60
ggactgggag accatgatgc aggcagcctt accagcacat ctcatggcct gcccttggc 120
tactctcagg aggagtactt tgatcgtgct acaccagca atcgactga aggggatggc 180
aactccgata ctgaatctaa gacagatgta ttgggtccgtt ttcattgccc tgaaagggac 240
atacctgaga ctgggggaatt tataaagaaa gagaagttaa atggactcac agttccacat 300
ggctggggag gcctccaatc atggggagaa aacattcaga aaaagaaagt ntatcgctca 360
atctacactt gaagttaaag ggaaccnccc cccccncna atgaggaaga acccacacca 420
ngaaccctgg taactcaaat gggcagtgtc atatgt 456

<210> 840
<211> 545
<212> DNA
<213> homo sapiens

<400> 840
ttcaaaactgg aacaagaaga atacatgaag gaagatatac cttggacgct gatagatttt 60
tatgacaatc aaccagttat tgacctgatt gaagcaaaaa tgggaattct ggagttactg 120
gatgaagaat gtttgttacc acatggaact gatgaaaact ggcttcaaaa gctgtataat 180
aattttgtca acaggaaccc tttgtttgaa aagcctagaa tgtcaaacac atcctttgtc 240
atccagcact ttgctgataa ggtaccgtga aggtctccat caatgctgtc aaccccgga 300
cctgtacagc ctccagaagg agtaggcagg ccaggaatgt ttctgatac attcaagtca 360
tacttaacat gtagctttga tgagtgtgtg tttaacagtt ccttatttgt ttttgtggcg 420
agatacatga gttccaactg tctactttaa aagacgaatg tgttggtaga aaaccacctt 480
ctgatttttg atggactgaa gtactgaatt tcattaacct cttatcaagt tattttctat 540
atgaa 545

<210> 841
<211> 317
<212> DNA
<213> homo sapiens

<400> 841
gaagtgaaga aggagttgcc atctggaaaa tagaggttat gacgcaagaa ggcaaaagga 60
agaggattcc gtgaagagaa caggaaacag gaaatgcagg catccgggca acagtaaaat 120
cacaaatata aatatgtcct ctgactaatg cacaccaca cacactcaa tgcagaaaag 180
ggtaaaatta agttgctttc tccattggat actttttcaa ggccaatct tcaagaatgg 240
gggatttcga ttaaaaaatt accgtaatgg ttacacatgt ctaaacttca atccattcta 300
aatgaatat ttttctt 317

<210> 842
<211> 384
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 842

gtctctgatac	aagtgccaca	tcttttagaga	agctttttcca	aacaaccgat	tatgaagtac	60
acattaacaa	tgaagcctct	tttcaagtaa	agaagnggag	taactctggt	aaccaccaat	120
ctacactcta	ttttcatgag	atccagtttt	atagctccca	cataatcatg	tgtaccacta	180
taaagtacca	acttcaattc	caagtggagc	atttcacatt	gagaaagacc	ccaacagaag	240
ttagagtctc	agcatcaagg	attttcccat	ggngattgga	atatacatgg	aagtgatatt	300
cagtnattta	atgacagcag	atcccaacat	attngccaac	tgggccaat	ctctggaaca	360
atantggaaa	aatatggggg	gatg				384

<210> 843
 <211> 468
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 843						
atggaggaaa	ccacccccat	gatccagtta	cttccacctg	gtcctgccct	gtacacatga	60
ggattattac	aattcaagtg	atcatgggga	cactctctgc	atgggatgag	ccaccatctt	120
ctcacctgga	ataaaaccac	aagattggct	ccttatctac	ttcaggttga	tgtttagaag	180
atgtgtcaaa	tgtgtgtgtg	tcatgaagtt	caaaattctt	caaaaatcaa	tggtaatgct	240
gatatggcaa	agacgctaaa	ttacaggcag	cagtgggaag	ctactgagta	aaaagcacag	300
aatcgtttca	tatatgaacc	catgaggaat	attctgttca	aggaatggag	acnttaagaa	360
aattacctaa	ctactcatga	accacacatt	aagaacgtag	tcagctgttg	taaagtgtga	420
tccgacaaca	aaccattatg	tatctttggg	ttaaataatat	gggggtaa		468

<210> 844
 <211> 447
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(447)
 <223> n = A,T,C or G

<400> 844						
ggaggatcac	ctgagcccag	gaggtcaagg	cttcagnag	ctgcanatct	cactgtcagg	60
cctctgagcc	caagctaagc	catggcatcc	ccggtgactt	gcacgtatac	gcccagatgg	120
cctgaggtaa	ctgaagaatc	acaaaagaag	tgaaaatgcc	ctgccccgcc	ttactgatg	180
acattccacc	acaaaagaag	tgaaaatggc	cggtccttgc	cttaactgat	gacattgtct	240
tgtgaaattc	cttctcctgg	ctcaaaaagc	tctctcactg	agcaccttgt	gacccccac	300
tcctgccgcc	agagaacaac	tttgnaattt	tctttgtaat	tttcttttac	ctacccaaat	360
cctataaacg	ggccaccctt	acctnccttc	gctgactctt	tttcggactc	agccgctgcc	420
ccaagtgatt	aaaagcttta	ctgtctc				447

<210> 845
 <211> 474
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 845						
gctggagtgc	agtggcgcaa	tctcggctca	ctgcaacctc	tgcctcccgg	gttccagcga	60
ttctcctgcc	tcaacctcct	gagtagctgg	gattacagaa	tctaacacgg	ctcctaagaa	120
aatacacagc	agctgctatc	catcgtcatc	accagtgtca	tcacgcocat	ccccatcatc	180
accaccaaca	ccgccacccc	cccagcgaca	cactagctgt	gacacatcct	ttacgcccct	240

gaacctgagt	ttctacagct	atgaagcaag	tcccatggaa	tttacagacc	aaaccgctaa	300
gtgtagggct	ccctgggagc	tggnccttnt	gggccncctt	ggcgggaaan	agccanaaac	360
tgagtgaatt	tggagcacgg	aaaanagcca	tggccaggcg	cgggggctca	tgccgtgaat	420
cccagcactt	tgggaggctg	aaggcggggtg	gatgacctga	ggtcaggagt	tctt	474

<210> 846
 <211> 447
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(447)
 <223> n = A,T,C or G

<400> 846						
acaggggtctt	gctttgttgc	cgagggttga	gtgccatggt	gcgatcacgg	ctcactatag	60
cttcaacttc	ccaaggtctc	agcatttctc	ccacctcagc	ctcccaaagt	gttgggatta	120
cagacacgag	ccaaagcgcc	aggctccaat	tatcctttta	aactaatgca	aaaagacatt	180
ttttaagcat	tctatgactt	ccagcaattt	ggaggcctca	ggaaacttac	aatcatggtg	240
gaaggtgaag	aggatgcaag	gcaccttttt	tacaaggcag	caggaaggag	aagtgctaag	300
tgaagcagga	agagccattt	ataaaaccat	cagatctcgt	gagaactcac	acactatcac	360
aagaacagca	tggggaaacc	acccccatga	ctncattact	tccaccattc	ccttccagga	420
catgtgggga	ttatggggat	tacaatt				447

<210> 847
 <211> 296
 <212> DNA
 <213> homo sapiens

<400> 847						
tgagtcaaag	ccctgtccag	tttgagatct	cagcagagtg	acaaacattg	agagttgtca	60
aagagcagtt	ccagtctcat	cacaacattt	aaagcttttg	gaatgcatcg	gttttggaag	120
tagtcctcag	gagttggtgc	tccggaatac	aactcactct	taacttgctt	ttagcagttt	180
atgacagtaa	attttttaaag	gcatacacaa	agaactatgc	ttattaatgt	gggatatgac	240
tttcgtgtga	caaagcagag	aaataaaatg	caaacctcaa	gaatgaaaac	acaaaa	296

<210> 848
 <211> 135
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 848						
gagctggagg	ctactatnct	tancaaccta	ntgcangaac	agaannccaa	atgctgnnta	60
tntaagtggg	agctgantgt	tactanccca	gtattnggaa	tttgccaaag	ctntattcct	120
cagaattttac	ttcaa					135

<210> 849
 <211> 418
 <212> DNA
 <213> homo sapiens

<400> 849						
agacggagtt	tcatcgtggt	gcccaggatg	gtcttgaact	cctgggttca	agagatctac	60
ccacctcggc	ctctcaaagt	gctgggatta	caggcatgag	ccatggcacc	aggccaagct	120
tcactttttac	cggggatggg	gatgatgaag	gctaggagcg	ttccggtctg	gagaagccca	180
ggcccccttag	cctttcttct	gatggagcca	caactgccag	ggccccacct	ccccacccac	240
tcacaagcag	ggctcacaga	gcagagcccc	cgatcagaag	cctctccaag	gccaggctgc	300

```

agggaaggca agcagaaaaga gtatccactg ttccaatctg attttattga aaaggaaaca      360
tacaaaaatc atgtacaaaa aaaattaacc aaacatgtac agaaaattca aaaaaaaa      418

<210> 850
<211> 490
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(490)
<223> n = A,T,C or G

<400> 850
gtctcccgtg gagagcagcc cagacccggc cacactcagt gaggaggaag tgcgcctcct      60
gctggctgca ctgggtgcagg actatgtgca gatgaaggcc agtgagctgg agcaggagca      120
ggagacagag ctccagtttc agttcttgcc ggagagtttc cagatttctc ctctgatgg      180
cctgtttctgt ggattttgga ttgccaagg cagccctcac aatccggctg tcttacctga      240
atgggtgctgc atggaggctg cctgcctgca acaggaccaa gatgctgaga gccaggaagg      300
gggagaactt ttggaagccc atgacacctc ttntgnaagg gaagaatgag attaaccccc      360
ttcgnccagt tcnaaathtt aagaancccc aaaccttngg ttcctatccc tgggtttctg      420
gcttggcttc taacgcttct ggcttttgtg gctttcaana ctggggccatt atatttctct      480
tcttttttgg                                     490

<210> 851
<211> 471
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 851
atactgtaca ggacaacctg cttttcatat tctctgtgaa ttcaaagac gactgggatt      60
ttcttctctcc tctaccaccc tgaacagcaa gaccaataca tcctgtatht cctcctcttc      120
agcctacttg tgaagacaag gatgaagacc tccatgatga gccatctcca cttaatgact      180
gtctcacatt ggccggcaac ttgttccaga tgaaatcttg ctctgtcacc caggctggag      240
tgcaatggct cgatctcggc tcaactgcaac ctccaccttc tgggttcaag caattctcct      300
gcctcagcct cctgagtaag ctggggatta cagatggaag tctcactgtg tccccaaagt      360
tggaatgcan tggcgccaac tnnaattnac tgnaagcttt tgcttcccgg gttcacgcca      420
ttnttctctg ctcangcttc ccgagtagct gggactacag gcgcccgcga c          471

<210> 852
<211> 455
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(455)
<223> n = A,T,C or G

<400> 852
ggctgtagta tgtatgtcnc ctggttcctt tgaaaggaag gccctagcct catcatccag      60
ccnggtattn aaaagaaagt gattttcatg gtctgataaa ataccatga ataggtggac      120
caaggcaaac tggctgcgag ggcttctctg tttnaatatg ggccgggggtg gacatttccg      180
gaaaattcat acccgaaagt gcaacaaaga ttgncattga ctttttgatt caattaacag      240
cagacccgaa gtcaaaaagt tcagtgaagt acatcttcat tcaatctnca naagaattgg      300
gaatatcgct ttctaaaaag gttgctnatg nctttcaatc ttggaaagta ccncataacn      360
ttnttactan cccagnatng gcaaaaagtan gccttntaaa gaatattaaa ggcctcaaat      420
cttnccttac tgggctctct tggcacaatg gaate                                     455

```

<210> 853
 <211> 464
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 853							
gatcgaggcc	atcaagctac	agatggtctt	acaaatggca	ccccaatga	gctcaactca		60
caacttctac	tgaggacccc	tggaaccaacc	cactggccct	ttgactggcc	tagagaattc		120
acctccagag	gacactacaa	ctgcagggcc	ccttcttcgc	ccctatccag	caagaagtaa		180
ctagagcggg	catcacccaa	ttcccaacag	cagctggggg	gtcctgttta	gacgggggta		240
gggggagatt	gagaggtgaa	gccagctgga	cttcctgggt	tgactgcaga	cttgaggaaac		300
ttttctgtct	tacgagagga	ttgtaaaatg	caccaaccag	cacttttgta	aaaacacanc		360
caataagngc	ttntgtagct	agcaagaana	ttctaaaatg	caccaaccag	cacttttgta		420
aatgacacca	atcaagcgct	ctataaaatg	caccaatcag	cgct			464

<210> 854
 <211> 290
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 854							
ggcaagcact	ttgctgggga	gaaacgcntt	nantncatcc	accatctggt	gactgatggc		60
ttgnntnctn	tntatnttga	aaccaaggca	gcttaattca	ttgncangat	gacgatggcc		120
nntttatgag	cacgnatgat	acaccccttt	nacaaananc	ccgttttcca	aaaaaaattg		180
gccagtcttg	aangatnctc	cngatganag	aaaattctac	aggccaggat	gggggncaga		240
aaaaaggntg	acatcacttg	gtagaagagc	anctctgaaa	gaaaaccccc			290

<210> 855
 <211> 447
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(447)
 <223> n = A,T,C or G

<400> 855							
ataaaggagc	tgaagttcaa	ggaaattctt	attcattcaa	tcaactcatg	ctgagagata		60
cattgctcag	aaaattgtcc	ggttaattga	caacagagta	aatattggaa	cctagacatg		120
ttgactcact	cagagctctg	caccctcttc	cactccttca	ctgctacact	gtacagtcgc		180
gagaagacac	agacatagga	aaaacagaaa	gttttcctgc	gtttgatggc	acgggcagga		240
gcagtggctc	atgcttataa	tctaagcact	ttgggaagcc	aagaaaaaga	agatctgtga		300
ctatgtttga	caaggaatcg	ttgtccatct	aaagcagatt	acgaaganga	ctcaaataat		360
ctaacacatt	ctgattcacc	aagggaaccc	actccttaaa	acccgcctgg	atatgttttg		420
gactcacata	aaatttgaaa	aaaagaa					447

<210> 856
 <211> 466
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 856
 acaggggtctt gctttgttgc cgaggttggg gtgccatggt gcgatcacgg ctcactatag 60
 cttcaacttc ccaaggctca agcatttctc ccacctcagc ctcccaaagt gttgggatta 120
 cagacatgag ccaaagcgcc aggtccaat tatcctttta aactaatgca aaaagacatt 180
 ctttaagcat tctatgactt ccagcaattt ggaggcctcg ggaaacttac aatcatggtg 240
 gaaggtgaag aggaagcaag gcaccttttt tacaaggcag caggaaggag aagtgttaag 300
 tgaagcagga agagccattt ataaaaccat cagatctcgt gaaaactcac acactatcac 360
 aagaacagca tgggggaaac ccccccatga ctncattact tncaccatt ccccttcang 420
 acatgnnggg gattatgggg attacaattc aagaagaaaa tttggg 466

<210> 857
 <211> 330
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(330)
 <223> n = A,T,C or G

<400> 857
 acaggggtctt gctttgttgc cgaggttggg gtgccatggt gcgatcacgg ctcactatag 60
 cttcaacttc ccaaggctca agcatttctc ccacctcagc ctcccaaagt gttgggatta 120
 cagacatgag ccaaagcgcc aggtccaat tatcctttta aactaatgca aaaagacatt 180
 ttttaagcat tctatgactt cagcaatttg gaggcctcag gaaacttaca atcatggtg 240
 aaggtgaaga ggaagcaagg cacctttttt acaangcagc aggaaggaaa agtgctaagt 300
 gaagcaggaa gagccattta taaaacctca 330

<210> 858
 <211> 367
 <212> DNA
 <213> homo sapiens

<400> 858
 ggcacaccca gacagaagac aaagaaggct gaagaagtaa gagtgagaaa ccgagagggt 60
 ggcagtcgga cccctgtcag agagtaaatc tcaagtaagg tacctgccat cggcagattt 120
 gagctttctt cttggacacc taatacccac agtcctccag gctccggtag actgcaaatg 180
 acctgctttc tttctgttcc cgggctgcgt ttggaccctt gtcggatagt aaatcccaag 240
 taaggtacct gccctcgcca gatttgagct ttcttcttgg acacctaata cccacagtcc 300
 tccaggtccc ggtagactgc aaatgacctg ctttctttct gttcccgggc tgcgtttgga 360
 cccctgt 367

<210> 859
 <211> 203
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 859
 ccagttccca ccccaatctt ttctactncc accccattgc tgacncatgn acctgtgtgct 60
 gnanaatnnt aaccnccctt ttcgataagg gagcaagctg ttccgactnt caagaaacag 120
 tnacatnagc aacttgcat attgtgactc naaaaggtaa aatccgnggt gnacaatcgg 180
 ctgnggaaga aaagaaacca aag 203

<210> 860

<211> 444
 <212> DNA
 <213> homo sapiens

<400> 860
 gacccactg gaaactggac tgtccaactg gcccaaggct ctgattgact ccttcccaga 60
 tcttctcggc ttagtggctg aagactgaca ctgcccaata gcctcggaag cccctggac 120
 catgatggag gccaaagctt ggctgtttta gaaggaaact ggcagataat cagaactgga 180
 cggcaaagtg ttttgtgatc ctctgcaga ttccagggtt tcagtatcac ctccagccat 240
 gctgatttaa ccagacagac agacagcact atcacaaaag agcacacctg cagcttcctt 300
 tcctgagaca gactctcggt atgttgccca ggctggctct gaactcctgg catgaacaaa 360
 cccctacct tggcctccca agtgttgga ttaacagcgt gaaacaccac acccatcctg 420
 ctcttttca attgaggaag caga 444

<210> 861
 <211> 524
 <212> DNA
 <213> homo sapiens

<400> 861
 attcctacac gaagaaacct cagaacccag gattcaagcc aaaaacaatg attctcaagt 60
 tcctatgaaa tcctggatgg atgttgaact gggcaacgta ctactgact cccatggcag 120
 atgcgagcct caacaaagct ccagggtgg cacttcaagg gagcggagga atctttgcca 180
 agaagacttc tgctatagct accaacatag ctgtgccacc tgattccatg gattggcatc 240
 tccatcacct aatgaagcag agataacacg gaggacctca gtcaatacta tctacaaacc 300
 tcagttgata tcatttgcaa acctccctga ttcagtatta acattcaca tattaatta 360
 ggcaccattg aatttcattt accaaatgtc aagcagatga caaaattctc ccaatttgat 420
 aaaatttgat aaattttaat gttgacatta agtcactttt attttagaaa acagcaagac 480
 atcttagatt ttgaaaacgg gaaagtcaat atcaccaaag tctg 524

<210> 862
 <211> 368
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

<400> 862
 gaggactggc gttaagccca ggtgctcttt ttctacgtga agtacttggt gctctttggc 60
 gtgcctgctc tgctcatgcg cctggatgga ctactccac ccgccctccc ccgctgcgtg 120
 agcaccatgt tcagtttcac cgggatgtgg aggtattttg atgttggaact gcataatttc 180
 ttaatcaggt atgtgtacat tccagtgggc gggcctcagc atggcctgtg ggacctgttc 240
 acggcataca ttttnatttg actctgcatg gcggtacact accttggtgn tggcangctc 300
 aactggtgga gnactgtgga gaanggagnc cgangtgngg aaaacctttt ttcaaaaagt 360
 tggcccaa 368

<210> 863
 <211> 106
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(106)
 <223> n = A,T,C or G

<400> 863
 gggtaggtgg gactacctgc ttantcanac tgacagacag nttntccat gttgcccang 60
 ctggtgtgca ttctttgctt cnnccangat agctcccttg gaactg 106

<210> 864
 <211> 363
 <212> DNA
 <213> homo sapiens

<400> 864
 aatcccatcc agagtaccac actgaatttg atcaagtctc cttgacagat gaagcaagct 60
 gccatgttat gagctcccct aaggagaggg ccatatggta aggaattgag aatgaccttc 120
 agccaacaac catcaaagaa ataaggccct cagaccagca gccacaagg aactgagagc 180
 tgccagacca catgaatgtg cttggaagcg gatccttccc tcattgagcc ttgacaagga 240
 cagccaccac agccagcact ctgctgctgt gagacacctg gaagcagaga acttggttta 300
 gccacatgct gtctcctgac ctatagaaaa ctgagataat tagtggtggt ttaaaccccc 360
 aat 363

<210> 865
 <211> 347
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 865
 gtcttgtcat ctctaataca gcagaaggaa aagaaagtca gggatgcaca gcatctctca 60
 gtttgacctg ttacagaaga ctacagatat gatcatggat aaaccaacg aaaatcagta 120
 tctgacaata tgtaaaatga catggtaggt cattaaattg agacctgaaa ttgtggatca 180
 gtttaaccca gagtcacagt taggcaaac acaaagcaat ctaagaggag atcacagcat 240
 aacagcattg caccacttat gtggctatta aggacctgc atcaaacac aaaaagatta 300
 cttttttttg ttcaaatcca tttatctgnt tatttaagca gaacaat 347

<210> 866
 <211> 142
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(142)
 <223> n = A,T,C or G

<400> 866
 aatgccgaac tggggaggag gcaagaaaat gtgggggtgtg tcaaaagacg ggnnactttg 60
 cctaatangc tntgtgcgaa tgnanncntt tatttcggcc agtccccnc tnttggccat 120
 ctgatctata aatgcggcgg ca 142

<210> 867
 <211> 427
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 867
 acatcttgtt tctaccagat cttctccct gtccatctca tcaactetgaa gttggtgaac 60
 acagagctga caacagaacc ccaggcacia agaatcagga taagaggaa tcctcctctt 120
 cacattcaga agccaagaa gacacctttc tgctggcatc catcanggtg gtatatcttc 180
 attgtccag ttctacttta ctcaggccct ctggatcctc ccacccattc tcctacaggt 240
 taaaatcacc atgaggccag gcacggtggc ttatgctgta atccccgact ttgggagacc 300

aaggtgggag	gattgctgaa	ggccaggag	ttgagaccaa	cttcaggcaa	gaagattact	360
ttgagtccan	gagtttgaga	ccagcctnaa	caatacaagg	naggaacctt	tttttttaca	420
aaaaaaa						427

<210> 868
 <211> 326
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

<400> 868						
gcgctgggga	gctcctgcnt	taagctccca	nectgnaagct	ganctgagag	acttcnnttg	60
nanggantga	accctcacca	gctggaaggt	gatgctattg	aaggctcagc	tgacaacaca	120
catgggcatc	aagncactgg	ccacattcat	gcctcaagtg	tcctaaaacc	gatgacccaa	180
agaaagctcc	cattcagcaa	gtggagactg	gcctgcagat	tccttgccct	gcaagcttag	240
agtacgaaga	tactaaatgc	tgctggaaca	atgaaaagaa	agaaaggata	tcacaaaaag	300
cattttcgtt	tgatgaaaaa	aactaa				326

<210> 869
 <211> 587
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 869						
acaaaagaag	agcagaaaat	ggagagaaaat	gtcagctgat	gaagcagctt	ccctcagcat	60
ccctgaacca	cgtggactca	cccacccagc	caagggcctg	gctggacaac	tgtccctgga	120
agtctgcaga	gaaaagccga	gaatacatgc	tttgtacaca	ctgccttcca	aaggcattct	180
ccaggcaacc	tcatgcattc	tctttagtga	cttcctatga	gctgacaact	cccagctctc	240
tagccccagg	tcagatcttt	gctcaactcc	acatttggtt	actcagtagc	ctactggaca	300
tactgtgctg	gagccccctac	aggcacttct	cattcggcat	ggcccagnga	ccttctcatc	360
tctgtgcatc	tctcagcggg	cctgccccca	aactccttac	cctcagctag	ttcctgtcac	420
cacccatcca	attgcctagc	cctgaaatct	ggggagcaac	cttggtacc	acttttccct	480
caccggtatc	tttatttttt	ttatttttat	ttnggaaaca	ngatcttggt	ttggtaccca	540
ggctggaagt	acaggggcan	gaacatggct	tcctgtattc	ctcgacg		587

<210> 870
 <211> 348
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(348)
 <223> n = A,T,C or G

<400> 870						
gttcttatat	gaatgacaga	agaaacaatg	aaattgaagg	aaaggaagat	gaacgctaag	60
gctgacctcg	actcacagca	acctctgcct	ccaggggttca	agtgattctt	ctgcctcagc	120
ctcccagagta	gctgggacta	caggcagggtg	tcaggcctct	gagcccaagc	taagccatca	180
tatcccctgg	nggtctgcac	ctacacatcc	agatggcctg	aagtaagtgg	agatccacaa	240
aagaagtga	aatagcctta	gctgatggca	ttccaccatt	gngatttgnt	tctgcctcac	300
cctaactgat	caatgnactt	tgaaatctcc	ccccccctta	aaaaagg		348

<210> 871

```

<211> 178
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 871
ctcctgtgtg tagttgataa gccnggcggc gaaggggagg gctgacaggg acaaaacnt      60
tccccangac ctngccagag gaatcaaaga ctccacccgg ggtannngna ccaccncaaa      120
gcna gangcn cnaancagc caaanganag aggaacagcg ccgaagaagg gcaaggac      178

<210> 872
<211> 591
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

<400> 872
aaaaaagcat ggtgcgggca tctgctcggc ttctggtgag gcctgtgagt gtctcctaac      60
gaggaagctt ccaatcatgg cagaaggcca acaaggagca ggtacatcat gtggcaagag      120
caggagcaag ggagagaagg aggaggaccc agattccttc aaacaaccag ctctagcatg      180
aactaacaga gcatgaactc actcattacc ttgcgggagg caccaagcca ttcacgaggg      240
atctgcccca tgactaaaac accttccacc angccccacc ttcaacactg gggctcatat      300
tccaacatga gatttggagg agacacatat ccaaaccata tcacacacct gggggacagc      360
tataggaatc gtgcctcttg ggttgtcaat ctgccagaaa caatggactc acaacctttg      420
gcgtgggctg gggactggtt aatctgnctg nggagtaaata aattaaacct tgccanggag      480
aggcenggct ttgccttact ttcaaaagga atctntaacc cttgcaatgc ngcccaaaag      540
angatnttan gganagctgg ccnccnata acaaaaatgg gtttgggggg g      591

<210> 873
<211> 237
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 873
tcaagtcgta taccctgngt tnatacntta ttaacaacc gacatttcta cngttgcgga      60
gctgaacgtc nggggtgagt ttcnacacca ccacccttng tacccttgag gangtacnca      120
gggctcaang ctgnctatag atgcentntg agcaaggnc gncnggntaa gnccaagcng      180
aattggccaa tnccttttgcg tttttaccct ggaagaaaaa actcataagg caccctc      237

<210> 874
<211> 550
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(550)
<223> n = A,T,C or G

<400> 874

```

aataaataca	tcattttatag	aggaaaagca	gcagcatttc	aagaccaaac	gtgtggaaaa	60
gaggtcta	gtgggacccc	gtcagcttac	cgtatggaat	acttccaatc	tgagtcatga	120
caaccgacgg	aaatacatct	ttagtgatga	ggaaggacaa	aaccagctgg	gcacccagat	180
ccaccaggac	atccccctcc	ctccaaggag	aagagagctc	cctgccttgc	ggaccaccaa	240
tgggaaagca	gactccctaa	atgtatctcg	gaactcagtg	atgcaggaa	tctcagagct	300
cgagaagcag	attcaggtga	tccgtcagga	gctgcagctg	gctgtgagca	ggaaaacgga	360
gctggaggag	tatcaaagga	caagtcggac	ttgtgagtc	taggtgacca	cactgcttcc	420
ctttctcagt	tcctgacctt	cctctgagcc	cttgagacac	tttgtaatgc	tcttttgtaa	480
ctatcgacaa	aggtgtgggg	aagctgaggg	tctangtctt	cttaaaggtc	aagtctgctc	540
ttcctcgcct						550

<210> 875

<211> 595

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(595)

<223> n = A,T,C or G

<400> 875

attcatcaca	aggagagcta	cacagagcct	ggaagaagct	gaagactgct	accctccatn	60
cttactcacc	nngccttttg	agcacngttc	agccctgggt	aaggtccaag	cttgaattgg	120
gcccaatttc	ttttgggtnt	tttaccctgg	gaangaaaat	actcattaan	gccacnttng	180
nntcnnccca	ccaaacagct	gcttgggnnn	ancaanattg	tgcaaaagaa	tctgcaggaa	240
gggggtggct	acctggaaa	gatccaagcc	tttaagccaa	atcnaccac	cctcatttgg	300
gggttgga	aagtttccaa	gnnggccttc	aatcccaag	gnnaccaca	actctttatt	360
tgggccaagg	ggcaaggggn	gccttcccac	caagaagcct	tnttgaaggt	tanaactttt	420
cttttgggtt	tggttgcca	ggctccttgg	caagggccta	aattgtttng	gggncaattt	480
ggnnaaaaat	tttcccttan	cccttttgcc	annnccctta	tcttttcatt	ggtgggtggg	540
aaggggggga	attcaacttt	tcaaaacctt	gcnctngct	tggtggggac	ccaaa	595

<210> 876

<211> 379

<212> DNA

<213> homo sapiens

<400> 876

aacaatctca	tgtagactgg	cttctggaat	ctctcctacc	tcctactgag	ctgactctcc	60
tggagcctgg	ccgtaacggt	gcagggctgg	aagctatata	ctacaagcac	atgctgtatg	120
gcacccagca	ctaacctggg	cagatgacgg	cgaacaatg	tgtgatattt	ccatttgatt	180
tattttcctt	ctttctctat	agaaagtgtt	attataaaac	tgttatgttg	aaggaacaca	240
aaatttgaag	gaaaggaatc	aaacataaat	gttaaagtgt	tatgtgtgtt	tatactgttg	300
atctatgata	tctctttag	ttactgttca	acatttctat	tttatatgct	tttgtaaaat	360
aaacaacata	ttttatccc					379

<210> 877

<211> 435

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(435)

<223> n = A,T,C or G

<400> 877

agacacctac	cgctcacatg	ngccacaaa	gatggcatgg	cccgggagtg	ccccaccacg	60
tggttttcac	cccctgcaaa	gccagacttc	tcccagcgac	acagngtcna	ncccacagct	120
ctccaaggag	gaagatggnc	caggntgnga	ncatcccctt	agcagcannc	tctgggaggc	180
tgtgnnttac	tcatgcnnng	tggnngnagg	gcgcctctta	ncnaaanatg	atgaaaggct	240
gtncctcttc	angaaggaga	angtcctcgn	ctgttccang	gcaaagaact	ggacaagaag	300

gaggaggttc	attcantnca	ttgaagttgg	ancttccctg	ctggggctgg	agccccgncc	360
ctgaagctgg	ctgaagtgt	aaagcagggg	ctagcaaaact	gtggccgaat	cccacctgct	420
gcctgtttgt	ataaaa					435

<210> 878
 <211> 437
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 878						
agcctcgctc	tgtctcccag	agtgtggtgg	catgatctca	gctcactgca	acctccacct	60
cctgagttca	agcgatcctc	ccacctcagc	ctcctgagta	gctgggacta	caggtgcgca	120
ccaccacacc	cagctaattt	ttgtatttta	gtagagacag	ggtttcacca	cggtggccag	180
gctggtctcg	aactccttac	ctcaagtgat	ctgcctgcct	cggcctccca	aagtactggc	240
attacaggtg	tgagtcaactg	caccgggcct	catatgttga	aattctaata	cctgaggtga	300
tagtattagg	aggtggagcc	tttgggaggg	atgattangg	catgaaggga	agatccctca	360
tgaatganaa	ttagnctgt	tgngaagaag	actcaagaga	gatactttgc	tccttctacc	420
atgtgaagat	cagtgag					437

<210> 879
 <211> 538
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(538)
 <223> n = A,T,C or G

<400> 879						
aacttctact	gaggaccct	agaccaaccc	cctggccctt	tcactggcct	aaagagttcc	60
cctctggagg	acactaccac	tgcagggccc	tgctcctgcc	cctatccaga	aggaagtagc	120
tagagcagtc	attgcccaat	tcccaagagc	agctggggtg	tcccgttttag	agtggggatt	180
gagaggtgaa	gccagctgga	cttctgggtc	gggtggggac	ttggagaact	tttgtgtcta	240
gctaaaggat	tgtaaatgca	acaatcaagt	gctctgtgtc	tagctaaagg	attgtaaatg	300
caccaatcag	cactctgtaa	aaatgcacca	atcagtgtct	tgtaaaatgg	accaattaac	360
angatgtggg	ngggncaaa	taaagggaat	aaaactgggc	cncccaagcc	agcaacaagc	420
aacctggtcg	ggcccccttn	tacnttgggg	aacctttgtt	ntttccttct	tcacaanaaa	480
ncttgntgnt	gntcactntt	tggggcccca	ccacctttnt	aacttggaac	actcacac	538

<210> 880
 <211> 515
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(515)
 <223> n = A,T,C or G

<400> 880						
cctgattaag	tcagactgna	tgaaaaagna	cccccccnng	nnngtgnang	ncngangaaa	60
ccngaaattg	aaggaaaagga	agatgaacgc	taagggtgtca	ggcctctgag	ccaagctaa	120
gccatcatat	cccctgtgat	ctgcacctac	acatccagat	ggcctgaacc	cgctgcacc	180
cggttgaaat	aaacagcctt	gctgttcaca	caaatcctgt	ttggtggtct	cttcacacgg	240
acgcttgaga	catttggtgc	tgaagacca	ggtcagaggg	actccttcgg	gagaccaagt	300
cccctgtcct	cgccctcatt	ccgtgaggag	atccacctac	aaacctcaggt	cctcagacca	360
accagcccaa	ggaacatctc	accagtttcc	aatcggacag	gaatggcagg	cctctgacct	420

aaactaagcc atcatatccc ctgtgacctg catgtataca tncagatggc ctgaagcaac	480
tggaagatcc acaaaagaag tgaaaatagg cttac	515

<210> 881
 <211> 509
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(509)
 <223> n = A,T,C or G

<400> 881						
catctgttaa	ggaggacang	aaagatggcc	cctnttggnt	gttattcccc	tgcncacnt	60
ntacgganct	cgaatcaaag	ggggggaann	gttntgtcnt	ntggatcccc	cgccgcnta	120
tgaagctgtg	gtgagccnna	nancccaggc	cnggnnttgt	tcattccaaa	tgtgggaacg	180
acccnatctg	ctgtgatccc	attggatctg	gctgcacaca	agtggctcaa	gatggggaca	240
ttcctaacat	acctgccgaa	aannaatgca	tccacctcaa	ctcccaaate	aaccctgggtg	300
cntcctatca	gaagccggag	agccctccca	cccttgagga	ccangtcnaa	gaagtgaccc	360
tgtgctccat	tcttctgagg	agagagctgc	cccagtgctc	agctgtgaag	ctgcnacaca	420
nactgaaaag	aaactggatc	tggcttgaaa	gacttttaag	gganggttgg	aaattaaaac	480
tttcgaaacc	aaaccggggc	ctttttttaa				509

<210> 882
 <211> 460
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 882						
gagcaataaa	tacatTTTTTA	cagttcggnc	atgtcagaag	gtgcatttnna	ccttttgaca	60
aaagagactg	gctttgcnga	acccnggnat	gtnacntat	ggantnctac	caatntgatt	120
cntnacnnc	gccggaagna	cntntttatn	gataaggagg	gacaaanccn	gttgggcntc	180
canatccncc	aggacatccc	cctccttcca	agganaanaa	agttccttgc	cttgcggncc	240
accaatgggg	aaagcaactc	cctaattgtnt	cttcgnactt	cagngatgca	ggaactctca	300
agctcgagaa	ancggattca	ggtgatcccc	tcaggactgc	aacttggttt	gggagcanga	360
aaaccgactg	gangagtatc	aaaggacaag	tcngacntgg	gaagtcctan	gngacccccct	420
gntttccttt	cttagtinctg	accttctttt	gagcccttga			460

<210> 883
 <211> 453
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(453)
 <223> n = A,T,C or G

<400> 883						
ggggtcactc	ctgaagtaag	tacacatttc	cttaggaaac	agactttaag	agtttgaata	60
acttgcaaga	aatcactgg	aattaaagtt	cagtgccatt	tctcacatgt	ttattgcggc	120
actattcaca	atagcaaaga	cttggaacca	acccaaatgt	ccaacaatga	tagactggat	180
taagaaaata	tggcacatat	acaccatgga	atactatgca	gccataaaac	aggatgagtt	240
catgtccttt	gtagggacat	ggatgaagct	ggaaaccatc	attctcagca	aactatcgca	300
aggacagaaa	acaaaacgcc	gcatgtccca	cttgtagnga	ggaattggac	caccagnacc	360
cttggccnna	ggggggggac	cacccccaac	aggggcctnt	tntgggncgg	gggnaggggg	420
ggaagggata	ncattagaag	atatacctaa	tgg			453

```

<210> 884
<211> 451
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G

<400> 884
attgtacaag aagcacggag ccagcatctg cttccgatga gggcttcagg ctgcttccac      60
tcatggaaga agatgaagtg gaacaatcgt gtgcaaaaat cacatagaag gaaggagaag      120
aagaaggaag gagggagaag aagaagaaga agaaggagaa gaaggagaag aaggagaaga      180
agaagaggaa ggagaagaag aagaagaaga agaagaagaa acagcnaaca ctttttaaca      240
aattttaata agtcaacatt atcttggtac taaacttcac ataaatatta caaaactgag      300
taactcatct ctnttgatcc cgacaccaa atctttagcc aaatgggtac caatggaaat      360
ccattcctgt taaaangata ttgtntnta aaaatgtccc gcttattata ataacgtatg      420
gtgaattaac attttaaaag tcaatcactt t                                     451

<210> 885
<211> 364
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 885
agacaggaga ggacctggtg cagacacaga ggagaaggcc atgtgaaaac agaggcagag      60
actggagtga cgctgccaca agccaaggaa cgcttggaac caccagagga tgacagcggc      120
aaggaaagggt tctccaacag agcttcggga gggagtgtgg cccggctgac acctgatttc      180
agacgtctgc cctccagaac tttgagagaa caaatcctg ttgttttaac ccaccaagtt      240
tctggttaatt tattagagca gccctgnaaa ctaacagagt ttcccatcac atttagcgta      300
aaatcaagct cctgcagcct ctaaatacaa taaaaggctc cttttgctaa ctttactggt      360
ctcg                                     364

<210> 886
<211> 200
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(200)
<223> n = A,T,C or G

<400> 886
tgataatctt tcttgnntcg ctattttgaa gcatngtttc acgctcttgg tctaagcacc      60
aagctngaatt tggcctcgct ggccatttaa atggcagccg cctcagagga attcgcggcc      120
ngntaggcca attcttttgc tttttaccct ggaagaaata ctcataaagc caccttntga      180
tatttaccct ccattttttt                                     200

<210> 887
<211> 126
<212> DNA
<213> homo sapiens

<400> 887
gatggcacc caaaaggcta atctaggact gagcaaagaa gatgaatggg tcctcattat      60
accttcaaga tatgttcatt ggatgctttg tcatcagggg acacatacaa acggatgaac      120

```

acagaa

126

<210> 888

<211> 142

<212> DNA

<213> homo sapiens

<400> 888

ccatgtgtcc	tctgcacatg	ccaactcctt	tccaccttcc	acaatgagct	gaagaatcct	60
gaggccctca	ccagaggcag	atgcccaatc	ttgaactttc	cagccaccag	aattgtgagc	120
caaataaaca	ttaaaaaaaa	at				142

<210> 889

<211> 260

<212> DNA

<213> homo sapiens

<400> 889

gatagcatca	ttgactggac	ttgcttcatt	actatggctt	tgcagaatgg	atcaacctca	60
ggtagcccta	ttacaaaagg	aactgactca	gctcaagaga	aaagcttcaa	ctccctatga	120
tttcatcttt	gacccgacca	accagagctc	ctgactcacc	caccactac	ccaccaaatt	180
atccttaaga	actctgatcc	ctgaatgctc	gggaaattca	tttgagtaaa	aataaaactc	240
cagtctcctg	taaaaaaaaa					260

<210> 890

<211> 469

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 890

aatcaagaaa	acaattcaat	aagaatccat	tttccttggg	aacaggacac	aattgaaaac	60
actgggttatt	taaccaaagc	ttcatctgaa	atggcatatt	ttacggatat	gacgagactg	120
ctttgaggaa	tttaagtgga	ccttataaa	ttgataaaga	gccccttana	aagactggcc	180
tagtacctca	tctacttggg	tcccttagga	gcctaggaac	ctcaagatat	ttggggacct	240
caagaagaga	gaaattcact	caatttatgc	acatattaca	ggcatagtct	aatgggtgaat	300
cattggcttg	gtttcccccgt	cttaaaaggc	ttttagaagt	cgaatttgag	attctttatg	360
aaaacattcc	cagcnaagtc	aacttnaaaa	gaaccttttn	gggacctttc	nttntntttg	420
ntttttgcaa	ataatccggc	caggtaaaat	actaaaactt	aaaaaaaaa		469

<210> 891

<211> 397

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(397)

<223> n = A,T,C or G

<400> 891

gatattacaa	aggacacaca	gatgaacacg	ccagatggaa	gagatgcacg	gggtgaggtg	60
cggtgaaga	gaaaacgaga	ttccatgccc	tttcctgaca	tccaaccctc	caggaacctc	120
catgtgttca	gctatctgga	agttcccaga	acgcggctct	tcagggttgt	taagaaagct	180
tcattatgaa	tggtatcaca	aaaatgtgng	ctgattactt	ccttgatatct	gagctttgag	240
caacttacaa	ggcagacact	ggacctaaaa	cacagggctc	agtggctcac	gcctgtatcc	300
cancactttg	ggaggccgag	gcaggcaa	cacgaggtca	aganatnaag	accatnctgg	360
ccaacatgan	gaaaccttgt	ctttttttta	aaaaaaa			397

<210> 892
 <211> 667
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(667)
 <223> n = A,T,C or G

<400> 892
 agtctgaaga ctacctgctt aagtaatagc tggnggtcca ccgtcctcga cctgcgacgg 60
 ggtctccatg agcacagagg ctgctctgga gtcaatagat catcttttcc ccaaaccaaa 120
 ctgcttgggt ggcgttggtc ctgaagcggc ttcactggcc agagtgccca gaacagccca 180
 tcgtggggac ttcacctca gcaagtggat gccgtttgtc ctgccagggc aggatggaga 240
 tggatgggga cccgtataac ctgcctgccc aggggcaagg caatatcatc attactaagt 300
 atgagcaggg acaccgagct ggggcagcag tggacttggg gcatgagcag gttgatgtca 360
 aaaaatacac caataacctc gggattgtgc atgagatgga gctgccccgc gtcagtgcc 420
 ttggaggtga agcaaanacg caaggaaagt aaaccgtacc aacaagtggc aaaagatgct 480
 tgcagactgg acaaaatata ggagcnccaa gaagctttct caaaaaatat acaaagtcac 540
 ttccccctgng ggacngggnc ccggcgggca cttttggtta atantggaaa naataagtcc 600
 caaaaccag gcaaaatntt anntnttaaa gaaaagggca angncttcaa aatattcctt 660
 ggtttca 667

<210> 893
 <211> 140
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(140)
 <223> n = A,T,C or G

<400> 893
 ctccccacca gctcatctat aaaacctcct gcatttcacc gcggatccgg caaccattt 60
 ttctgagacc cctctntgca gnagagaact ctntctttc ttttgcctat taaacttcg 120
 ctctcaacct caaaaaaaaaa 140

<210> 894
 <211> 208
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(208)
 <223> n = A,T,C or G

<400> 894
 tactgcattt gtactnccca agaaaaacnt tcctaccttn caangngaant cntacacacn 60
 ggattntatn tggncctcat tgaatagttc atcgtctgaa agagacattt tccaaccatg 120
 atgggagaag atngcanaaa ctntcactct ctaagatatt gacagagcta ttgcttgcct 180
 tttcccaagc tggttggttg gataaacg 208

<210> 895
 <211> 175
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(175)

<223> n = A,T,C or G

<400> 895

cactgcctcc	aacggggggac	ccnnggaaca	tgctgttnt	tgcnctacat	ccacccttac	60
ngacgggaat	gantatctga	aagcttttgt	agctgtggg	gagaatttgc	caaaatatga	120
cngngacaaa	aaggtnccct	tgctttttggn	tttgggnccc	gggatacccc	ccaaa	175

<210> 896

<211> 206

<212> DNA

<213> homo sapiens

<400> 896

gcaacgtgtt	ggaccttccg	gagctttctca	gaagacagag	ggttttcttt	tgagaaaaag	60
tacttcaact	cggccgggca	cgggtggtca	cgcctgcacg	cctgtaatct	cagcactttg	120
ggaagccgag	acgagcggat	cacgaggtca	ggagatcgag	accatcctgg	ctaacacggt	180
gaaaccgtgt	ctctgctaaa	aaaaaa				206

<210> 897

<211> 354

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(354)

<223> n = A,T,C or G

<400> 897

atgaagaggg	gacagaaaga	canatntatt	tgnaanaaag	gcctgggnat	cccatgaacg	60
agccaacaga	aaacctattg	gggtgcagca	ngnctncaga	nccanatnta	aggctcanaa	120
aagggcacca	nctggatggn	acacgaagag	gtgataatga	ccgccaccaa	gganatttgn	180
gagcccattt	tagaggcatc	tgttctatct	tcccatcata	aancaagctc	tgaggaaent	240
gaatacaatg	atgaanctcc	tctagganca	tgaaggcttt	atgggcctnn	tcccttntnt	300
tacaaccnat	cttgctatgg	aaaaaanngg	aagaattngt	ttgtacggta	tggg	354

<210> 898

<211> 566

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(566)

<223> n = A,T,C or G

<400> 898

atactgtaca	ggacaacctg	cttttcatat	tctctgtgaa	tttcaaagac	gactgggatt	60
ttcttcctcc	tctaccaccc	tgaacagcaa	gaccaatata	tctgtatatt	cctcctcttc	120
agcctacttg	tgaagacaag	gatgaagacc	tccatgatga	gccatctcca	cttaatgact	180
gtctcacatt	ggccggcaac	ttgttccagt	ttgtgtcttc	cagattacaa	taattccatg	240
taaagatgat	gctggcacia	ggctttcaac	ccatcccctc	ttctgaccca	gaagataaag	300
acatcctacc	tttgagcctt	ttagaacagg	tatccaggga	ttttacctct	ccagtgctag	360
gcagggtcta	tgcccataac	atcagcagga	agcagttaca	gaagatgaac	ctccgccttc	420
tgcaagcccc	ttaagattaa	ggaggagtat	ataatctctg	atggggaaat	gaggnaggag	480
accagaanga	cttatttttc	atttccaccc	cattgaacaa	agcangatct	gggcaaaaaca	540
aggtgcagtg	gagaaacctg	tttttg				566

<210> 899

<211> 547

<212> DNA

<213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<400> 899
 ctcgttacta atgaagaaaa gaaataaagg aaaaaaccct aganagcanc tgccccccat 60
 ctgncnnata ttcanaaaaag aatataantg aaggcttatt gcacacacaa acnaggctgn 120
 tgtttgagaa agttgtgaga atgaagnngg ggtgactagn gntaagaaaa tcctgncaaa 180
 cagagccngg nanaaccatg nagatggnc acatgcttgt nngtntgatn acacanaacta 240
 tnacannngg ctgcaanaac cacnaccttg cacaaatgct atcgcaacct tacagaaaaa 300
 atacttctat aaggacatct ngccaaacaa ctccctgacc aaactcggac tggngtcacc 360
 tttgntattg atttttgtag ncaaagataa tgatttcaaa acagntacat catcctcctc 420
 atttttccct ttaaaaactt ttgncttccct ttacctnctg aatnggcgta taagtttact 480
 atggcatgtg tgtttctatt gcaatgccct gttcacaaat aaacatnttt tnttttgtaa 540
 aaaaaaaa 547

<210> 900
 <211> 121
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(121)
 <223> n = A,T,C or G

<400> 900
 accctgtaaa cttgggttga cangetaccg gttgnacnta nctanccctt gtatgaanat 60
 gntnccctgn atgatggaga atacacccca ctgatnatng gccttcagg actgaccaga 120
 t 121

<210> 901
 <211> 299
 <212> DNA
 <213> homo sapiens

<400> 901
 gtcgcaggct ggaagggttg aatatgccct agatgctgga gcagcgaggc gcgaacgcgg 60
 cggcaggaaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta 120
 ccacgcctgg ctaatatattg tattttttgt agagacgagg cttcaccatg ttaccaggc 180
 tgatctcaaa ctctgagct caagcaatcc tcccaccttg gcctcccaa gtgctgggat 240
 tacagggatg agccactaca gccagtcaat aaaattactt ttaaaagccg aaaaaaaaa 299

<210> 902
 <211> 185
 <212> DNA
 <213> homo sapiens

<400> 902
 gggcaaacc atgctttatg aagcctgatg cttacacaat tatgggagcc ttctttgaaa 60
 aaaaaatttc aaaattacaa atgcaaaatt aggtacaaaa gggaatattt acaatgagaa 120
 atcaccacaa atggcaagat ttaaacagct gacaaattaa acagcgcaaa atccaggaaa 180
 aaaaa 185

<210> 903
 <211> 560
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(560)

<223> n = A,T,C or G

<400> 903

gtgtatttct	actggatttg	ccgggatgca	agagcttttg	agtggtttgc	tgatctctta	60
ctctccctgg	aaacacggat	gagtgagcag	gggaaaactc	actttctgag	ttatcatata	120
tttcttaccg	gctgggatga	aaatcaggct	cttcacatag	ctttacactg	ggacgaaaat	180
actgacgtga	ttacaggctt	aaagcagaag	accttctatg	ggaggcccaa	ctggaacaat	240
gagttcaagc	agattgccta	caatcacccc	agcagcagta	ttggcgtgtt	cttctgtgga	300
cctaaagctc	tctcgaggac	acttcaaaaag	atgtgccact	tgtattcatc	aactgacccc	360
agagngtca	tttctattac	aacaaggaga	gcttctagac	tttggangnc	aagtccangc	420
attgnggttt	caatcaaggt	attgattncc	aaaaactnca	ccaggaattc	ctgngacngg	480
ctggtgatat	gagctnccag	ttggnactgg	ngaataataa	ttaactattg	ggacaaggcc	540
actntacat	acttccttac					560

<210> 904

<211> 106

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(106)

<223> n = A,T,C or G

<400> 904

tctgctatga	ttataagttt	cctgaggtct	cccagtcattg	cttcctgtac	atcctgagga	60
actaacctat	gggaagatca	agaaatgtca	cttctgagaa	aaaaaa		106

<210> 905

<211> 235

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(235)

<223> n = A,T,C or G

<400> 905

ttgttttaaaa	ggtcctaaac	ncaaattcac	ctacacaagg	gattcagncc	gtcttagggt	60
ctgctaataga	caactcttct	tgaagttctt	caaggccgtg	tgaaaaggaa	aagccagccg	120
ggcacagtgg	ctcacgcctg	taatcccagc	actttgggag	gctgaggcgg	gcggatcacc	180
tgagggtcagg	agtgcgagac	cagcctggcc	aatgtgtctc	tactaaaaat	acaaa	235

<210> 906

<211> 274

<212> DNA

<213> homo sapiens

<400> 906

atttttgttc	agattgaacc	caagaggact	cgtgactcat	ggctcaactg	gtcctatggc	60
tccacccaac	agcaagtctt	gcacaccctt	atgattgctt	ccccaacgaa	tcagcagcag	120
ttattcccta	gccccctgcc	catcaaattg	tccagaaaaa	ccctaagctc	caagccttca	180
gggagactga	tttgagtagt	aactccatct	cccgcattgg	atagctggac	ttggattaat	240
taaactcttt	ctttattgtc	gtgccaaaaa	aaaa			274

<210> 907

<211> 355

<212> DNA

<213> homo sapiens

<400> 907

gagagacggg	gtttcaccat	gttcaccaga	ctggtcttga	actcctgacc	tcaggtaatc	60
------------	------------	------------	------------	------------	------------	----

caactgcctc	agcttcccaa	agtgctgaga	ttacaggcgg	gagccactac	acctggccaa	120
taaaggccgt	ttcagttctc	aatctgtttt	gagcttggag	gcttttagtca	ttcccagacc	180
caaaatctca	atcagaccct	cttccaccac	tttttgtgat	agatcaataa	acattttgtc	240
ttatgggaag	tttaactaag	agtatcttta	aaaagttttg	gacaggcgct	gtaatcccaa	300
cactttggga	ggcccaaata	aagcggatag	cttgaacccc	aaggaagtaa	aaaaa	355

<210> 908
 <211> 288
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

<400> 908						
ggtctcacac	tgtaatcata	ngctcacagc	aaacttgaat	tcctgggctc	aaaacatcct	60
ccctgctcag	cctgaagcac	gcacagcaac	tttttttttt	aagtanagat	gggatcttgc	120
tntgttgcan	aggctgggtc	ggaactcctg	gtctcaagca	atcctcctac	cttggcctcc	180
aaaagnctg	ggattacagg	cttganccac	tgtgttcagt	ctgcncctcc	actcctagag	240
cttgtttctg	taataaaaagc	atctatggat	gcaatctcta	aaaaaaaa		288

<210> 909
 <211> 477
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(477)
 <223> n = A,T,C or G

<400> 909						
atggagtctc	actctgtcac	ccaggctgac	ctcgactcac	aagcaacctc	tgccctccagg	60
gttcaagtga	ttctttctgcc	tcagcctccc	gagtagctgg	gactacaggt	gtcaggcctc	120
tgagcccaag	ctaagccatc	atatcccctg	tgatctgcac	ctacacatcc	agatggcctg	180
aagtaagtga	agatccacaa	aagaaagtga	aaatagcctt	aactgatggc	attccaccat	240
tgngatttgt	ttctgcctca	ccctaactga	tcaatgnact	ttgnaatctc	cccaccctta	300
aaaaagnact	ttgtagctcc	ccaccttaaa	aaaggttntt	tgtaattctn	cccanccttg	360
anaaagtcnt	ttgggganac	ccacccctgc	ccaccanana	acaacccctt	ttgactgnaa	420
ttttccatta	ccttcccaaa	tcctataaaa	tgggcccacc	cctatcttcc	tttggtg	477

<210> 910
 <211> 363
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 910						
gaaattgtcc	ttttcaccta	aattttgaat	atcttggcat	gagagcccaa	gtagagtgca	60
gaatcacctg	ggttcanacg	attctcgtgc	ctcancctcc	ggagcagctg	ggattacagg	120
taattttacac	cgactgcata	tgtatggtga	aaatatagta	taatgggggtg	ctgctgtgaa	180
tctcctttcca	attctgcatt	ctgtgatata	atagtggtaa	cctgaaatcc	accatagnng	240
ggacattttac	acaataactg	gcaaatagcta	caaggctggg	ctttttcagt	tttgttgatt	300
gtctggacat	aaaaaggtaa	tacagaaaat	gttaccaata	caagcatttg	ggaaaaaaa	360
act						363

<210> 911

```

<211> 112
<212> DNA
<213> homo sapiens

<400> 911
agaagatggc gaattagaag atggtgaaat agacgatgca ggatttgaag aaatacaaga      60
aaaagaagca aaagagaatg aaaagcagaa aagtgagaaa gcctacaaaa aa                  112

<210> 912
<211> 301
<212> DNA
<213> homo sapiens

<400> 912
ggctcaaatg ctccagaatt tctttgtgat aaagacaacg tgtagacgag ttcttgcaaa      60
ccagcaaatc aaataacctc aagtagatct tacagttgaa gaacattgtg gagtgaatac      120
caaaatactc atttaaggaa ctacaattta aaaatcacta actgggccag gcacagtagc      180
tcatgcctgt aaccctagaa cattggggagg ctgaggcagg cagattgcct gaggctgagc      240
tcaggagttc aaaaccaacc tgggcaacac ggtgaaaccc cgtcactact aaaatagaaa      300
a                                          301

<210> 913
<211> 241
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 913
aatgggccca gggttggctn taaaaatccc cccgggggntt ttanccntgc ccaanccgggt      60
aggttttggg gngttgggct tgctccactt gtcctctgcc agcctacang ganggaaaag      120
caagggttta cagaaangga tggttccttc aggganggaa gccagcactt aaaaagcact      180
cttgaggtca aagatgaagt ggggaaacca tctcaataaa cacatttttg gataaaaaaa      240
a                                          241

<210> 914
<211> 360
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 914
attgaaaaaa cccttgggag ctntcanact ttannggccn tttnggaaan nggtctnttt      60
ttggaanncc cntgaacnng ccccnagagg gaggttcctt tggagtnnnc tttgaaaacc      120
ngnctngctg gnggggggcn tttggggntg gacccatccc agttgagtc aggccttcca      180
gccntttcca ccaaagcacc aaaaagaata tggggaaggn gcangcttgc ctcanacctt      240
ncagaccaag cctaactggc caccttgaat tggctcggcc aagctcttgt ccaaattcct      300
gacccatcgg tcatggggat ataataaaaa taagntgggt tttaaagccc caaaaaaaa      360

<210> 915
<211> 103
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature

```

```

<222> (1)...(103)
<223> n = A,T,C or G

<400> 915
aaagtccaag ctgaattggc caattctttt gntntntacc ctggaagaaa tactcataaa      60
ccacntggcc gntgnacccc aatcttcaca agaaaaactg tgg                               103

<210> 916
<211> 322
<212> DNA
<213> homo sapiens

<400> 916
agggcggagc caggtgtacg ggatggaaca tgagagcggg ccaggagcgt gaccgctgca      60
ctgacgcttc cgctagacca cagtctgctc ggcgacgggt gtcttcccag atgctggcat      120
caccgctaga ccaaggagcc ctctgggtggc cctgtccggg catgacagaa ggctcacgca      180
cttgcccttg agtcacttgt cactcaccat gtcccttcag ctcctatctc tgtatggcct      240
ggtttttctt acgttatgat tgtagagcga ggattattat aatattggaa taaagagtaa      300
ttgctacaaa ctgaaaaaaa aa                               322

<210> 917
<211> 174
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

<400> 917
gactctgggg actcctgctt aagtccaatg nnagggaaaa aactgggna catnncccg      60
tnttcacca gggagntatg gggattngaa atntntntnt gggcnccaag cntttgntnt      120
aaatctntat gctgcacaag atacagcttg agtaaagatt agtaacaaca aaaa          174

<210> 918
<211> 227
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(227)
<223> n = A,T,C or G

<400> 918
tttgcacccc tctccantcn ttcactgnta nactgtannn tcnegagaag acacagacat      60
aggaaaaaca gaaagttttc cgtcgtttga tggcatgggc aggagcagtg gctcatgctt      120
ataatctaag cactttggga agccaaggca agcagatcag ttcagggtcaa gagttttaga      180
ccatcctggc caacatggtg aaacccccatc tctactaaaa acacaaa                227

<210> 919
<211> 445
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 919
ctctgctgac ccgtaccttg taggaggctt ccgagcaaca tnnttgtaga ccgntctgcc      60

```

aagtacnadc	ttgagaagga	tttgaaggac	aagttgtgtg	gccctgacca	tagatgatata	120
ctgcttctcg	ctcaacaacn	netcaccana	catcnacata	ttcttganaa	ctgctcgtga	180
ggattgagcc	aaactccgtg	agtctggaag	actgnntgnn	cttntncagc	accnatgtgg	240
ananagctgn	caancggcgn	ancaacttcc	tgatgctgaa	agccctgntg	gntccnatcc	300
tgtnncagac	agncantgat	ctgcgcangc	ngtgtgatgt	ggagnacacn	gccttcnaga	360
atgggctgaa	ggatacnaac	ggatgccttg	gacaagctgg	ctgatcatct	ggcccaagat	420
tgaaggaaac	tttagcccat	gctca				445

<210> 920

<211> 288

<212> DNA

<213> homo sapiens

<400> 920

gtcctgtgag	atgtatgctt	taaagaggtt	ctgttctgat	gtgtttccag	gatttgtttc	60
aagattttag	gctccttttag	cagctcttgt	aaaaaaaaat	taccaacaaa	taaacgtcca	120
ggaccagatg	gattcacagc	tgaattctac	cagatattca	aagaagaatt	ggtatcaatc	180
ctattgacag	tattccacaa	gatagagaaa	gagggaatcc	tccctaaatc	attctgtgaa	240
gccagtatca	gcctaatacc	aaaaccagga	aaagacataa	ccaaaaaa		288

<210> 921

<211> 488

<212> DNA

<213> homo sapiens

<400> 921

aatgggcaac	gagctgtctt	caacacctcc	agcttatact	cctctggagt	gtaatcctga	60
atcactggga	ctaccttgac	attcagaatc	tggaggaaaa	atgccagata	gccgtctgca	120
gaaaggtttg	accaaattat	aaaggactgg	cttggcctca	ggaaggaacc	attcattttg	180
ataccatcct	acaaccttta	ctttgccttt	tggccaccca	tgcccttcac	ctgtacccat	240
atgaaccccg	aaccccaggg	tccaaaaagca	gatgagaagg	caaggacatg	agcagacaaa	300
cagcagaatg	gcacacggag	gagagaaaag	aaggaacatc	tgaatgcaga	gaggagtcta	360
gctgggggatg	accaaactcc	agaagaagac	catcttccca	ctccattcta	cttcacagctt	420
ctcacccatc	ccactgagag	ccacctctac	cactcaataa	agtcctgcat	tcattcctta	480
aaaaaaaa						488

<210> 922

<211> 407

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 922

gtatgggaca	aagacaagac	tagaagtcac	cctaccatcc	acccagagac	aatgacacgt	60
ttgacgtctt	cctctactct	atgtttactt	tgttttacgt	aaaatgcaga	tttaaaatgc	120
agaatgcata	actgactgtt	cctctactcc	ctcctttcac	atgtaacatg	tggtatccagt	180
gaacgctaata	caaagcctca	caagaatgtg	accccttacc	tactgcata	tctacctctt	240
ttttttcttt	cctgctttcc	ccttctgcca	ctctcccctt	taaatgttga	actcctcaaa	300
atcgtctttg	gaaaatgcac	agggcacaga	tcctactgca	actgngtctc	cttcccaagc	360
gtattcttta	ttntggcaaa	atnaaccctc	taaaatggaa	aaaaaa		407

<210> 923

<211> 313

<212> DNA

<213> homo sapiens

<400> 923

gacattgtga	caaattgtttc	ccccagaatc	atccggggaa	ccacctctgg	ccccatgtat	60
ggccctggac	aaagctcctt	tctgaatatt	gagctcatca	gtgagaaaaac	ggctgcatat	120

tggtgtcaaa	gtgtcactga	actaaaggct	gacttcccag	acaacgtaag	tgtgatttaa	180
catctaaaac	aaggggaattg	gcataagttg	gtgaatgttt	atttaaacad	ccaattcata	240
ggcttataaa	tattaatgtg	tatatatttat	taaagaatct	gccagttgct	ttgctgatgc	300
atagaaagaa	aaa					313

<210> 924
 <211> 473
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 924						
gttggccaca	actctgtgcc	acatcctctt	catttttagaa	tccaggatga	aggatatgcc	60
cttatctggc	tggacatatt	tgaagagaga	atttgtaaatt	tggagatgg	aactgaagac	120
aactcttaga	gtatggaaca	aaaagggcac	ttctccttgc	tgctgccatg	tgaagaagga	180
catgtttgct	tcccccttctg	cataattgat	tccggcaaaag	gagaaagcaa	ccctgtgcac	240
ctaagctgag	aggggatggg	aactgctcac	agtgcagcaa	caagtttctc	tccatcaaaa	300
tctcttcaga	aatttctctt	ctgtctccac	actcttacc	tttaattatt	cttgatggga	360
ctggaggagt	ctaaaaanta	ttggacctag	ttngttctga	aattttcttt	gtaaatctgc	420
atgtgtttcc	tggncaaaag	gctaaataaa	taaataaata	aatgctgaaa	aaa	473

<210> 925
 <211> 489
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(489)
 <223> n = A,T,C or G

<400> 925						
ataaacactg	aactccaatt	atttggaaga	cactgttcaa	gaaaccacan	anttgcana	60
atgantgttg	aangagagac	ctattgggag	gtgaatggat	catggagaca	gtttccccca	120
tgctgttctc	aggataatga	ggtattcatg	tctgcatgaa	tggagtctac	caatatgacc	180
aatccaacga	aaaaaaatca	gaantgattt	caaaaccttt	tnactgaggc	ntatatnttn	240
aactctgang	tgatctctcc	ccanaanagg	ntgaaattgt	cntnntttta	caaatganc	300
anagaaaata	nacatgncct	gactgtttta	ggctagcgga	aaagtgtcna	cancctggac	360
accagccggg	gtcaagatcc	cctgacnggg	acaggaagca	agganattct	gggcaagaaa	420
aagggcggtt	nccttgggna	ngggccttcc	ctttaaggct	nggagccatg	ggcccaggcc	480
aggaaattt						489

<210> 926
 <211> 537
 <212> DNA
 <213> homo sapiens

<400> 926						
tggaaacaa	gagcatcatc	ccactattcc	aggggaggtg	ctaaatacga	gggtgaggct	60
gtcaagcgg	gcctgggtga	gtcctacact	cacccaaaca	gcaacgagac	agagcggagg	120
gagaacatcg	ataccgtcat	gaactgggtc	accaaggaag	actttgacat	tgtgactctg	180
tgctacagag	agccagataa	cgtagacat	cgattcaggc	cagaggcaga	gaacaggaag	240
ttgatgattc	agcaactcga	caggaccatc	gggtatctgg	tgggagccac	tgagaagcac	300
agcctgcaga	gcacctcage	gtcatcatca	catgagacca	tgggatgacc	accgtgaaga	360
agagacccaa	tgtcaacaag	atcccttgct	caactacatc	aagttcggag	acttgggtcaa	420
gtttgatatt	gtgggctacg	gtggcttttg	gctgcctcta	cccaaattgg	ggcaagcgga	480
agccctttac	caggcactga	agaatgcgca	ccctcacctt	cacgtctaca	agaaagg	537

<210> 927

<211> 467
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

<400> 927
 aaaaaaaaca cctctgtttg catctgtaga caaagatctg ttcagaatgg ttggctttgt 60
 gagtttacag ctggccgatg agaggtgctg catgatattg gaagatggga cagaaggaac 120
 cagtattctg cagaggcagt tgcattgagca gatatgaaat gtcctggagg ctcccccagt 180
 aagctgagga gcacctgctt tcccactata gactgagact actgatggaa gcttcccaga 240
 gatttgagaa ttgcagaagc ttctgtgagc tatgaagaac aacgtgactt tgaccttcag 300
 actgagatat agctggaggc tgctttgacc ttcttttcca cagctctttt tgacctttt 360
 taaancccca aacctatctt taaaaatgac aaatattggg atgcaaagag cagcttttct 420
 tttttctgatc atggccttaa tgtaatacaa tagtgaaacc gtctaac 467

<210> 928
 <211> 316
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(316)
 <223> n = A,T,C or G

<400> 928
 aaactatgga tctacnacat ggagactgga agattggaaa aaaatcaaca ctgaatgtga 60
 tgttctncc ttctattgtc aagaancctg tgcctntgtg tgtanacagg gtnctgtacn 120
 ttgttttagng gggacacat tcaagangca ataccaataa agtttctaca tgctgggatt 180
 caaggtctac agacaagagt gttaccagnt ggnaaanaaa ttgantgcc aaggaattcc 240
 ctcccatcat cacaagnnac aaaccttggg tgtcctgggg tattatanna nnacaagntt 300
 attatttttt ttggac 316

<210> 929
 <211> 442
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(442)
 <223> n = A,T,C or G

<400> 929
 tgcctgaacc tcctggtggc tctgctcctt gactaccagc cacatttttg atgtaaattgt 60
 tgggtgctggt cactcttttg gtctgtgctg cctttatgag ctgtaacact caccacaaag 120
 gtctgcagct tcactcctga agtcagcgag agcatgaagc caccgggagg aaagaacaac 180
 tctggatgag ccaactttat gaactgtaac actcaacgca aaggtctgca gcttcactcc 240
 tgacgtctgt aagaccatga acccaccaga aggaagcaag tctggagatg tccgaacatc 300
 agaaggaaca aactccagat aaactgnctc ttaaaactgg gacccttact tgccaggggc 360
 ccgggggttc tttnttgaag ngagcaagac caagagctca ccaattctgg acacagcacc 420
 attattcaca acagccaaaa ag 442

<210> 930
 <211> 548
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(548)
 <223> n = A,T,C or G

<400> 930
 gcctctttgc ccggagcatc ggtgttgtgg aggagaaagt ttcccaaaac ttcgggacca 60
 acttgccatc gctcggacaa ccttcctcca ctggcccctc taactctgaa catccgcagc 120
 ccgctctgga ccctaggtct aatgacttgg caaggggtcc tctgaagctc agcgtgcctc 180
 catcagatgg cttcccacct gcaggagggt ctgcagtga gaggtggcct ccacgtgtgg 240
 ggctgcctgc catggattcc gggccccctg aggatccttg gcagatgatg gctgctgcgg 300
 ctgaggaccg cctgggggaa gcgctgcctg aagaactctc ttacctctcc agtgcctgcg 360
 cctcgtctcc ggcagtggcc ctttgcctgg ggagtcttct tccgatgcc aagcctntta 420
 cccgaggctt actcctccac caggactcgg agtccaaacg actgcccgtc taattcactg 480
 ggaagccggg ggaaaaatnc ttttccaacg cccttcctgg tctntnattc caaggggtctg 540
 gctgatca 548

<210> 931
 <211> 553
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

<400> 931
 tgataaagtg ataagattta ttcccaaaac agaagaggaa gcatatgcac tgaagaaaat 60
 atcctatcaa ctttaagggtc ctcatagaag atcttcagaa aacactggag aaggggaagca 120
 gcttgacac ccagagaaac cgaagatccc tctctggata taattatgaa gtttatcact 180
 ccttanaaga aattcaaaat tggatgcac atctgaataa aactcactca ggcctcattc 240
 acatgttctc tattggaaga tcatatgagg gaagatctct ttttatttta aagctgggca 300
 gacgatcacg actcaaaaga gctgttttga tagactgtgg tattcatgca agagaatgga 360
 ttggtcctgc cttttgtcag tggtttgtaa aagaagctct tctaacatat aagagtgacc 420
 cagccatgag aaaaatgttg aatcatctat atttctatat catgcctgtg tttaacgtcg 480
 atggatacca ttttagttgg accaatgatc gatgtttggag aaaaacaagg ncaaggaact 540
 caagggttcg ctg 553

<210> 932
 <211> 476
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(476)
 <223> n = A,T,C or G

<400> 932
 cctgcctgca ccaggtgaa atatacagcc ttgttgcctc cacaaagcct gttggtggac 60
 tctcttcaca cggaccgcg tgacatttgg tgccgaagac ccgggacagg cggactcctt 120
 cgggagaccg gtcccctgtc ctgcacctca ctcccaggag agatccacct acgacctcag 180
 gtccctcagc caaccagccc aaggaacatc tcaccaattt caaatctgga cccactgga 240
 aatccgactg tccaacccca cagccactcc cagagccctt ggaactctgg cccaaggctc 300
 tctgactgac tccctcccag atcttctcgg cttancagct gaagactgnc actnnctngn 360
 atggccttgg aaaactatag gaccatcana gatgctttgc gtaactctta cagtggaggga 420
 caggaatgtc aggccttttg agcccaagct aagccattat atcccctgtg acttga 476

<210> 933
 <211> 172
 <212> DNA
 <213> homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(172)
<223> n = A,T,C or G

<400> 933
gtacagctta aatgtattga ttgatgcctt atgccctata gcatgtataa aacctaactg      60
tgccctgac acctgggtca caacgttttc cgggtctcct gaggactgtg tcacgggctg      120
nggtcactca cgtttggctc gaaataaatc tctccaatat tttaaaaaaa aa              172

<210> 934
<211> 500
<212> DNA
<213> homo sapiens

<400> 934
ctgttaacga aacaatcttg actgctttct gaaagccagt gactactgac tacttcaagt      60
aacagctgac ttcacctctc ctttcttcac ctgtgcctgc tagaagagtc tcatcaagtc      120
tccaggactg gcgccacttt ggagtcagcc actggctcat gccatcgctt cctggcctct      180
cacaccttct ccttggactc gggtcctctg agctcacacc cctctaccgg cactgagac      240
acacaatcgt tcctgtggtg ggagcagaaa ggatctactc caaacatcaa agcaacctct      300
cccgcacagc gacttcaggc caggttctgc caagccccag ggctcccaa aacaccttca      360
ccaagttcca ccagttccct tgagttgtgc tctcctcatc tgatcaaggg aaacacataa      420
tttccaattc acaggaccat gggaaagtg cccaaggcca ctactacagc tcatcatggc      480
taaagcccaa cagctgggaa                                500

<210> 935
<211> 465
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 935
aatttttccg agagctcctg gagaatgcag aaaagtcact aaatgatatg tttgtacgga      60
cctatggcat gctgtacatg cagaattcag aagtcttcca ggacctcttc acagagctga      120
aaaggtacta cactgggggt aatgtgaatc tggaggaaat gctcaatgac ttttgggenc      180
ggctcctgga acgggatggt tcagctgata aaccctcagt atcacttcag tgaaagacta      240
cctggaatgt gnggagcaaa tacactggac cagcttcaag ccatttggag acgtggcccc      300
ggaaacctga agattcaggt taccgcgcgc ttctttgttg ccaggacctt tgtccagggg      360
cctgactgtg gggccaaaaa attgcaaacc gagtttccaa ggtaattgga aaccgtgctt      420
tntttctcaa atggggggccc tnggtnaatc ggttttttaa accccc                    465

<210> 936
<211> 559
<212> DNA
<213> homo sapiens

<400> 936
gaaaagaatg aagggaagag gaagacagag caaccacag ttccttcttt cagcctttcc      60
tcactcttca gtaagccaaa agtagagagt ggatggagtg ttgctgtggt gcccaggctg      120
gtcttgaaca cctgccctta agcgatcctc ctgcctcagc ctctgaaagt gacctatgac      180
aaatgtaatc caaaaagcct gtgtttttat ttcgtaccaa gccctgcaaa tgatgtggcc      240
aacctgcctt gaaatggcaa gaagcccagc ccaaccacat ctgagctcac agctcacagc      300
ccttgatccc ccacccccat gtgacactgg cctggccacc tctccacctc cccagcacaa      360
gaggtcatca ggccccagga cggaacagtt gagcggtcgg ggaatctctc aacctgggat      420
atgccgcctg cctagaagac ctaattccag agtctacatc cagtggggta agtcagaggg      480
tctggacaag ggcctcggcc tctgggggtt tttaagtgtc cccatgtccc cagccccgaa      540
tgatacagat gcttttact                                559

```

```

<210> 937
<211> 320
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(320)
<223> n = A,T,C or G

<400> 937
ggacggggggc agagaaattc tagccagaaa agtgtgggtc actgacaaac cgccactctc      60
aagccaaaaaa acctgaaacc acaggccaaa gtgagagctt atatacctgt tttcccaact      120
gaatgctgct ttttctcaac cgcccctggc cccgccctgc gccatcctgt gcctattaaa      180
accccagact cagctagtac tgggactatg gctggacgtg ggagaaaagc agcttgactt      240
cagaaggaca gcttaacagc gtaacttcgg agaagaatct ggctggagat nccctgcttag      300
gggaggaatt tctaccctcg                                     320

<210> 938
<211> 341
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

<400> 938
gtcattctac taaggctgga acttaagccc cagggagttt cttggcttag tgaagacttc      60
tagttttcaa cagcgtatgag acaaggagtg tctgaattca ttcagcatca gcctccaact      120
ccaccccaca cgtatccgct ggaaattgct gcagccactc caaccttcag caaccacctc      180
cttgatcagt cagcagccat caacattgag gcaagaccct ccaccagcaa aatgattatg      240
acttactgaa ggntcagata atcactctca ctttttgcca acaaagtata ttttattaag      300
gngcaactaa aaattctgga tattctgtac aaaagaaaca a                                     341

<210> 939
<211> 562
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(562)
<223> n = A,T,C or G

<400> 939
agtctcactc tgttgcacag gctggagtgc aagtgggtgc atctcaggtc atggcaacct      60
ctgcctccca ggttcaagca attctctgcc tccgcctccg cctcccaagt agctgggac      120
acagacactc gccactatgc ccggaacttt catcacatgc ttcactctana agaaaaggaa      180
gattaatctg aaatcataac tgactccctc agttcaagca gagtctcact ctgtcactag      240
gctggagtgc aatggcacga tctcagctga ccacaaccat cgcctcccgc attcaagtga      300
atctcctgcc tcagcctcct gagtagctgg gattacaggc accctccacc atgtgectgg      360
ctaatttttt gtatttttaa gtaaaagaca gggtttcacc atgttgcca ggctgggctc      420
aaactnctga cttgngatct ggctgcctca accttccaaa gtgctgggat tacaggcata      480
agccaccgtg cccagccgan gntttgcaact gnatttctgc taaaaagngg ctgatgtaaa      540
gtcccttaca aaacttaatt tc                                     562

<210> 940
<211> 564
<212> DNA
<213> homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(564)
 <223> n = A,T,C or G

<400> 940
 ctgataccga aagagggagg tgaaactggt atccatgcat caatgtaagc agtatagaag 60
 aggactgcac agaggatgga ttcactgccc ttaaggagtt tacagtccag tgcatagaaga 120
 caaattctac tactccaaag gaagaatcag atggacaaga gatcatcatg gaggatggga 180
 ggcaggacta gattgcagct ccagacagag cagcttgagg aggtttgagc tgtgaatttt 240
 agctccagat caactccaag aacaatccag caatcctgag aggaccaca gaccctttga 300
 aggaagtgga ctgctcctga aggccttggg agacacccca agtactgtgc tggatccac 360
 ggctgagaga cccacagatg gtccacatca tatgacgctt gtgcagacaa ctcccagtac 420
 cagcacggag cctggtagac tgctgggtgg ctagatcctg aagagagaca acaatcctgc 480
 agtttggctt ccangaagcc acattcataa gaaaangggg aggagtnttc atcaagccga 540
 accccacgtg gtacaaaaaa atct 564

<210> 941
 <211> 316
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(316)
 <223> n = A,T,C or G

<400> 941
 atggagtctc actctgtcac ccaggctgga gtgcaatggg cgggatcttg gctcactgca 60
 acctccgctt cccagggttca agcgggtttt ctccctcagc ctccctgagta gctgggacta 120
 cagcaaaata caatgccagc aagctttttg aaggcagtg cagtggctgt gcaaatgatg 180
 atatttacat ctgaagttaa aactacttct ttgagatcta ctctgaagat ttacacattc 240
 atctgggtta tctcccatgt atacagaagg natacatggt attaaacttc tttttgggtt 300
 ggttttcaaa aaaaaa 316

<210> 942
 <211> 228
 <212> DNA
 <213> homo sapiens

<400> 942
 taaggcccta gacacaaatt cacctacaca agggattcag tccgtcttag gttctgctac 60
 tgacaactct tcttgaagtt cttcaaggcc gtgtgaaaag gaaaagccag ccgggacag 120
 tggctcacgc ctgtaatccc agcactttgg gaggctgagg cgggcggatc acctgaggtc 180
 aggagtgcga gaccagcctg gccaatgtgt ctctactaaa aatacaaa 228

<210> 943
 <211> 518
 <212> DNA
 <213> homo sapiens

<400> 943
 atgaagaaac caaagccaga gagattaggt cagctattca atgtcaccga ggaagtagca 60
 gaaccagaat cctacatcta ggtcctgcac ccaggctctg gacagcaaca cttacatctg 120
 caatgaccct aagatgcaaa tggtagagcc attgttttac aaaagaagaa aatgaggcac 180
 aagaagagga atgggcctgc ccacgattat ccaggaatcg ggccagatca gaatcaagaa 240
 tcatgtcaag ctggaagccc ttggagggtt tctatctaata cccactatct agtggccagg 300
 gaaactgctg cacagaagg aaatgcatct tgcacaatgg caacagctag agagcatgga 360
 ggggctgtga ttaaacctcc tgggagctgt tcccacccaa cactcacaag gatcctcagc 420
 ccttaaggtt tttttcccaa gagacggggt tgtccccaca atgctctgtg gtcccagaca 480
 caagaatagg ctggatgctt ctgcagtcag cttacctg 518

<210> 944

<211> 286
 <212> DNA
 <213> homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 944							
tgcctggagc	agtgcggggc	caccagtga	cttgaaggct	gcatggaagg	atccaggcgc		60
tngettcctg	ctaagggtgtt	ttgctgagcg	cctccatatg	gaggacctca	tgggagcctc		120
cagaccactc	caggaggagg	gtaaaaattc	tctacaactg	caactgaggt	caacaaactg		180
cacacatttt	gttgtgatgt	acgtatacac	ccaaaagccc	atcaccacaa	tcaaaaatga		240
caaacatttc	catcaccact	aaaattttgc	catgccgaaa	aaaaaa			286

<210> 945
 <211> 593
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 945							
aaacctgttt	atgcaccctc	ctgcaatccc	accacctgcc	caggccaagt	gagcccctct		60
ccgctactgg	tgtttcataa	tgctgggagc	tactttgatt	tcatgcattg	cccttcagct		120
gccatgttat	gaggacactt	ggagaaagct	acaggagagg	aactgaggtc	tcctgccatc		180
agccacttga	gtgagcatgg	gagtggattc	tccaaactcc	agttaagact	tgagatgtcc		240
acagtggcag	ccactagctt	gactgcaact	tacgagagac	cctgagccag	aggcactcag		300
ttaagtcata	cacagtttcc	tgaccgcgt	aacctgtgac	acaatgaagg	tttgttgttt		360
tgggggtaaa	tccggctatt	cagcaataga	taacgaatac	agaaggcttg	taaattgnat		420
taaccaaaacg	tgagtttatt	aagcggatat	ctgacctcat	ttgttttctn	cctggaaaaa		480
agttattagg	attnaaaatc	aacaaggaac	ttggccaaag	tccacttctn	ttctttcttt		540
tccttttggg	gggggggaaa	taaaaccaa	gtttttaatt	ttaccaaaaa	aaa		593

<210> 946
 <211> 409
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 946							
ataaccttgc	agaagacaga	caatgatgga	aacctcctga	ccccttctac	ctcttcatca		60
gaacccaaat	ttacctctgt	ttcctcctta	cgcactctaa	taatctgcca	tgagacggga		120
tgtagaagt	tacatcacia	gaggagggaa	tgaagaattt	ggtagcactg	aggtgctgga		180
agagggatag	agagcaccgt	gagagcggtg	tggaggattg	ctgtaatgtg	actgtggaag		240
ccaagccagg	aggatgaggt	tccaagtgca	gtaaccttgc	tcaggcacia	gatgatggac		300
taaaggaggc	actcccaatc	actggtaccc	catgactctg	tntggttaac	aaatatcact		360
taaatttaaa	ttagccagat	aattaaaata	agttatgtct	ataaaaaaa			409

<210> 947
 <211> 416
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

```
<400> 947
gagcaaaatg ttccagatng gggctgcttc ttnagcctgc gtnnatggaa tgagaagaca      60
ntggagcaga cccaaagcca gctgagccca gccaaagacca gcngagccac agctgacctg      120
cacatttgtg aacaanaatg aatgatgttg gtgtaaacta ccaanattcc nggccttgaa      180
tttgaatgga ncatctgctg agtataatgg acctatttgg ccttttatct cattttttgt      240
gaagctagtc aaatatgtat ccttccacta gggtcagcat cgactagatg gactgggaag      300
aatttcatta naaaatgaga tctcattggg anacgataa gaccaggctt ccaagacaaa      360
gaaataaccg caaacccccg ctcatgagca gaagagcagc agagcggcag agcaaaa      416
```

<210> 948
 <211> 332
 <212> DNA
 <213> homo sapiens

```
<400> 948
aaaatctcca tggcagcagc tcagctgatt ggatgggaga ggaaatttga ggctgggaga      60
cctcctagac cacagctgaa taagcagcca gatgcatcca gccatcaggt gatacagcct      120
caggctgctc cattccctct ggctctcacg actggcaagc tggagggcca ggctcatgaa      180
attcacatat tcccactgac tgcattagtt actgtggtaa cagatgtcac agaaatagga      240
agtcacagtc atcaacgttt ctatgtccta taaatatatg aacaaatgct caaccttggt      300
ggtaaacaca taaatattga taaagcaaaa aa                                     332
```

<210> 949
 <211> 355
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

```
<400> 949
gcttaatttt tcctgatcat gagagaagaa cacagatgta gctgaactaa ggagcaaaaa      60
cccggcatca atacctgcta cagcacagat gcagcatgaa aaattatgct aagtgaataa      120
agccagtccc agcagacaac ttgcttttta tttcagagcg ttataggcga atctatacaa      180
ggaagggtggg tggttcccta gggctgaggg aggaagggaa aactngtgaa gatggctaaa      240
tgatgtgggg tttgttttta ggggtgatga aaatgttcta aaattaattg taatgatgac      300
ggcataactc tcgaaaatac taaagttaat gaattctata ctttaaataa aaaaaa      355
```

<210> 950
 <211> 408
 <212> DNA
 <213> homo sapiens

```
<400> 950
gagaaaggcc atatgaggac ccagcaagaa gttggctata catgggaaga gagaactcac      60
cagaaaccaa ccatgctggc accttgatcg tggacttcca gactccagaa ataagaaatc      120
tacaggagta agtcagctaa gaattctgtt actgggtcgt agaattcagc tccctccctg      180
tgggataatg gaaaaggccc agagacgtgc actgctgtgc taggagaaga tagatcaagt      240
aaatccagca gcaccgacca ggcgccaatg ggatatatgt ggaggggtgga gcacaacttg      300
catttctcca aaagatcctg agcagcatgg gtgagcaaa gacatgtgcc aagaatccac      360
acagtcatga gctctaattc gggatgcca cttacaaagt gaagtatg                                     408
```

<210> 951
 <211> 292
 <212> DNA
 <213> homo sapiens

```

<400> 951
gcaacatctc agtcagaaaa aacaattagg aacacctcac agtctcttag taaaaggcca      60
tctctgccac agcatggtga ttaggactga tgatgggtgt tggtttttga aacagacaaa      120
atctaagtgt gattcctggt tcgttcctta ctagctgtgt aaccttggcc aagtcacttg      180
aactctctgt gcttaagtaa ttctcacttt ccagaactgt catgaggaaa aatgagattc      240
tccagagtgc ctaatcaata aacaccagct atcgttatca caatcaaaaa aa                292

```

```

<210> 952
<211> 288
<212> DNA
<213> homo sapiens

```

```

<400> 952
gtcttcctta atatatgtca gcagtggagt ggtgtgctta aggagagaga gacttggaaa      60
aatacagacc gagaacaagg ccatgtggag atagaggcag agactgaagt tgtaccacca      120
aaggcaaaga atatacaagta ttatcagtaa ccacaggaag ctggaagagg ccaggaaagg      180
tttttcttag agaccttgga aggagcctga ccctggaaca ccttgatttt agacttctga      240
ccctcaaaat tgtgaaagaa taaatttctg ttgttttaag caaaaaaa                288

```

```

<210> 953
<211> 475
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

```

```

<400> 953
tcctgaaaca taccctgtgt taaagatctg ggaggtgcag aggaattatc aaaggaggct      60
gagaaggagc agccagttag gtgtgtagaa aaacaagata agcaaaaaga aaagcnagag      120
acatggactg aacttccttt ggcaaaaaat ttaaaaaaat ataataagtc tctagacccc      180
cttcgtggat ggnatcaggt gatttcagcc caccttcatt gcattctctg ctgaccaaca      240
cagctggctc tcaccacta tgaagttaaa ttgactccct ttctgctttt gaaganaccg      300
ttaactgcag ctcccgttnt gggaaaccca tttacacatt gcttcctgga tgnaatccc      360
ttgctagtag ccaatataat ggatccatgg aataaggngg catgattagc ccagccattc      420
ccaanggnnt tgaaaagccc taactccaaa tttnttgtaa ggtggaata tctga                475

```

```

<210> 954
<211> 709
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(709)
<223> n = A,T,C or G

```

```

<400> 954
aattaaacaa ccccatgtcg agcaaaaagg caaagaccaa gaccacccaa gaagctccct      60
naatggncct cntgcaatgg atganggcgt ggttnacnca tcaccttttg tggagttnn      120
tnangentct tctgtgttnc ttttgantan gancggttct ttgcaagnna tanttgtatn      180
tatgtgctgg gttnatgang anataactcc acngatccct gcttngantn angagaggtt      240
gngccncaag ggcccaana ttgacgntga ngctnntcta atattncttg gtnttggant      300
ccgatactt gataattnat gaaagaaaac ttggnttggg tntgctttag atctaagcc      360
tctttttcct attaggtctt ggaagcatat aaactggggg nanggctnaa ctactggnaa      420
aattccttgg gtcaaagctt aatcttttta cnttntaaag ggnataagnt tanncagggt      480
ctcaccntt aataaaaatg ttttgggctg tcttttttgg aactgggccc aggcetcaang      540
gttnaattca tgggttggac ttggtttntt tctnggacct taccncacc tttaaaaann      600
ggnggttngg atattttgan ncaaaatgcg ccttnttttt gaggggaant tttgccaaac      660
cctttttncc ttttaanntt tttttgctcc acttgaatag gggggttg                709

```


<210> 955
 <211> 673
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

<400> 955
 cctactcaac atgaagacaa agacaatgaa aatcttgatg atccacttct acttaatgaa 60
 tattgttctt ccaatctttc ctgcttgctg ttttaatgca taattaagaa ggtcagaatt 120
 aatgaagcag tgtggagtaa agttcaagga atccccaggc actatttatt ctattagatc 180
 tcaggcatga atgtcagatt ggcagcgcag gcggcatgag caatggagct ggcggcatcc 240
 caagaacggc cgccaaggga gactcacctg cacagtccag tcaactcctca gtccttccc 300
 tgcgaaaatc acacgcaact ggtcagccgg aaccccctgt cgcttaacaa ccacctcctt 360
 gagctggaag atgctggtgt cagaatcgac ctccactggg aaaccatggc tggagttgaa 420
 cctgacaaac actgccaagg aaattggaag ggagaagaaa aagtgagcat cactcgaacc 480
 cttaaatggt gatggcaaca tttctcaacc cgaattaccc ctgcgcagcct tcagtgaatg 540
 ctttcatcaa tatcaaccac aattcatcat gaaaatcaag atttattcgn tttgggtcact 600
 actctatncc catgncctggg acatctagct gctcaataaa taagaatgaa tgnngnagcat 660
 accacaaaaa aaa 673

<210> 956
 <211> 262
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 956
 tgagtctcta tccggaaatc taagagtatc ctntntgtca tcacaaaacc anatgtctac 60
 nagagccctg cttcagaggg ggntnnnccn ttgggggaagc ccnngatcga agatttatcc 120
 cagcaagcac aactagcagc tgctgagaaa attcaaaaagt tcaagggngg aagtgtctca 180
 aacattcaag aaaacccccc cnntccactt gtnccannaa nggagaatgg aanaaggaag 240
 aggtcgntga aacccggggg gg 262

<210> 957
 <211> 301
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(301)
 <223> n = A,T,C or G

<400> 957
 ggcttacttt ttcacccang ctggagcaca atggcatgac ctcagctcac cacaacttnc 60
 gcctnccang ntcaagggaa nanactgcct cancctccca aaggagntgg gattattagg 120
 caggggaacc cttttnttng gggacccnc ccggggttgg ttttccctgg ggggcgcccc 180
 ctttntacag gggggccggg cccaaaaaat tnggaggtgg ggttttanaa aaaaccgaaa 240
 gaaaactttt tntnnctttt ccccattaga aaaataacnt tngngaaaaa ggttttttct 300
 g 301

<210> 958
 <211> 341
 <212> DNA
 <213> homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

<400> 958
ccggggccttt tggcccaagt tttnaaaggc taaccatgat cctctacgac atnccnata      60
tcccancntt ntggtgtgag gacaaaacgc ttcttgaaac agggctgggt atccccacatt    120
tntntcaacg ggaaagattn aacctcttat caaaaatttc gggnggggaa aaaagaaaat    180
ttcaattctg ggggtgccctt ttngaaaaa nacngggnan gaattcttnt gacttaaanc    240
ccaacaattg ggnggagaa cctggngggg aaaaaggggg gtctcttana aaaaaatntg    300
nggtttttcn aanaaanccc caaaaaccac cccccccggg g                                     341

<210> 959
<211> 352
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 959
tttggggccg tgactcggat caggggacct ccnttgggag atcaatccca tctcctgtt      60
ctttgctcca taagaaagat ccacctacga cctcagggtcc tcagaccac cagcccaagg    120
aacatctcac caattttaaa tcagggtgaa ggtacgctcg agcgtggtca ttgaggacaa    180
gtcgacgaga gatcccagat acatctacag tcagccttac gacatttgaa gttctacaat    240
gaacccatca gagatgcaaa gaaaagcacc tccgcggaga cggagacatc gcaatcgagc    300
accggtgact tacaagatga acaaaatggg ggcgctccgaa aaacaaaatg aa              352

<210> 960
<211> 426
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

<400> 960
tgtgcaatgg tgcgatcttg gctctccgca acctccacct cccaggttca agcgattcta      60
tgattcagcc ttaaaaaaga aggcgggctg ggactgagct catgagggcc tgcagagtgg    120
agacttaaat ccaagggtcag ggcaaaacat ctggagttca ttgccaggac tgtgatgtta    180
cagaaaagga ccgtgaaagg tgcgtgcggg acccaacaca gaatcgtggc catgaatggg    240
ctcgctgagg acattcgaca tcagcgggtg catgagaagc catgccacca gcaacagggg    300
aaagctaccg aancttgccg gagatttaca gatgggagat ggctccaaag atcaacctnt    360
tggtggaaaa aactggcttg atcggcggac tgcttgagcc tgtggatacc acaccacca    420
ctttga                                           426

<210> 961
<211> 479
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 961
aaaaaccggt ttggccttta ntgaacttcn ttttaaagga gggagtcntg gtggccaaga      60

```

aggatgtcca	cttgcctaag	cncccgncag	ttggcaacaa	gaatgggccc	cacccttant	120
gtattgaaag	gccatccatc	ttcccaagtc	cgggggcttc	cgtggaagga	accagtttgc	180
ctgggaaaaac	atttttttact	gggtaccctt	tanccaatgg	aggggtattt	ccagtattct	240
tccgggggaat	tancntttat	ttttggcccc	cgggaagaat	tggtgggcct	ggcccaccct	300
ttacgcccggn	aaccgcgttcc	aaaaanactt	ggcanggccc	ttcggncccta	aaanggttnt	360
ggganggggtg	anccnaacct	ttggaanaac	ttaacaaana	nggggnaagc	ctggccaaaa	420
nattncctta	caanancggg	aagtgcnttt	gncccacctt	ggngngcccga	acaaaaaaa	479

<210> 962
 <211> 445
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

<400> 962						
acagagccca	aacttccaag	tcntgggtcag	taggggcatg	gccaataga	aaaatgcttt	60
gacatctaac	aacacccaga	accaatgatt	cctccctgtg	gtaccaagaa	gacctagaca	120
tgatcggaac	ctaaatgctg	gaactctttc	aggagcaaa	ggtctgttga	ccagaaagat	180
ccaggggtaa	aatccacctc	aacatacccg	tgtagtcaaa	tttgacaccc	ttcaatcaaa	240
ccctgccccag	ccaaaattcc	taataccttt	ccttgccatc	tgnattaagc	tggtttcacg	300
ctgctgacca	aagacatacc	tgagaactgg	gcaatttaca	aaananggtt	aattggactt	360
acagttncce	cgtgggtggg	gaaacctcca	atcntggcan	aaggcaaggg	nggacaagtc	420
acatnttaca	tggtatggcag	caggc				445

<210> 963
 <211> 395
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 963						
tacaccgcga	tgcccttaaac	aatgtgttat	atgacccttg	cctccagcct	gtaaggctgg	60
agtgcagtgg	tgtgatctca	gctcactgaa	acctccgcct	cccggattca	agcaattctc	120
ttgcctcagc	ctcctgagta	gctgggatta	cagcattctg	gtgacttcat	ccgggtgtgtg	180
taacacaggc	cttccatggt	catgcgaaca	caatgaaatg	atgtcattcc	ccggcatccc	240
tgggccagcg	cccacgggtt	ccgacgatgc	ttcaaccntt	tctgaattgg	ccaggaangg	300
ggtanggcct	tggcctctcg	ctgaatggnt	taattgaaag	acaagtggat	gccaacgcac	360
canaagcttc	tttccttttg	gtcatcccaa	tgaaa			395

<210> 964
 <211> 529
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(529)
 <223> n = A,T,C or G

<400> 964						
atttgaatat	taaattataa	cagatgtgca	aaaataaaca	gagatccacc	accgaaacaa	60
gctacccctc	cacaaaactg	ccagcttttg	ggaaaaccag	tgtccactgt	tccacgtcct	120
tgctctaatac	tcttataaaa	caacagattc	acattccttc	ttgacctgtg	gttgtttcaa	180
catccggaga	ggccaatgaa	ggaagaagaa	gagctctaga	agtgcctgga	ggggctctcca	240
cgtcccgct	tgggccactc	ctcgtccacc	cacctgcgca	gaaccttctc	cacgtcggcc	300

ctgtggtaga	gcctgcagag	ctccatcagc	tggccaccgt	cctctgactg	ttccggagca	360
agaactccaa	gnggggtct	gtggcctctg	ctccaggaag	cacaattcgt	cataggacat	420
ccccatttg	cttgcaaaat	tcctncagnt	tttcaccggt	gggtgacacg	gatccagctt	480
tatnctgac	acgtctagct	cccttgaagn	ggggccacac	ccccgggg		529

<210> 965
 <211> 453
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(453)
 <223> n = A,T,C or G

<400> 965						
aattatattt	tcatcttttg	ggatttcaac	acttgagatt	atggagttca	agttgtattt	60
ttctggatta	taataggctt	tcttctaaaa	tcaatctcag	ttgataactg	gaaacaagca	120
aaggagtttt	tctacagaac	acattgatga	gacactctga	gaacatcaaa	gctctaataa	180
aaagaagttc	caccttacat	tgatcatcgag	ttgaaggctg	tcttttcagc	tttaaagaga	240
tcctacatgg	tctaagcctt	ttgaagggaag	ggccttatga	tcataactt	tctagatcag	300
agagatatat	tctggaaaat	gnggaaaactt	tggcttcaaa	atattaattt	aaatttgatt	360
catgagaata	atggcatctt	ttttttatga	aacagaacta	tataactggg	atagtttgcc	420
atcaaagttc	atatgtttgga	aacttaattc	cca			453

<210> 966
 <211> 281
 <212> DNA
 <213> homo sapiens

<400> 966						
atgatgtcac	ttgctcctat	ttgccttctg	ccatgactgt	gagacctccc	cagccatgtg	60
gaactgaagt	accgtgttcg	gaggcaaaaa	gtgagctgtg	ggaagacaga	tgctcccaga	120
catccatttc	ccaaccattg	cttctctgaac	atcaagggtcc	tgatcagtc	tcacgggaaa	180
atactcactg	actcctccca	ggatgaaagt	gccacagtc	aacatctgga	tgtgaacgca	240
ggtgttcata	tgataaccca	ttacctgaag	ttcataaact	g		281

<210> 967
 <211> 113
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(113)
 <223> n = A,T,C or G

<400> 967						
gaggagtgtg	aagagctgtg	gctgccaaaag	gtcatgggga	tacaggggga	gatggagatt	60
tanggcaggc	ccctctggac	cttcaccgn	anccattntt	atcttttgcc	aac	113

<210> 968
 <211> 243
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(243)
 <223> n = A,T,C or G

<400> 968						
cacaccgtgt	agcgagagga	gaccacagac	tcccctgana	gggcnagggg	gcnnnatagn	60

```

ctgggactga attgtgaagg ctcccatgac agacactgtn aggcctctga tcccaagcta      120
atccatcata tctcctgcga cctgcacata tactccagtt ggcctgaagc aagtgatgaa      180
tcncnaaatg gggtgccact ctgctgctga agattcccat ggattgtctg ccgacttact      240
gac                                                                           243

<210> 969
<211> 458
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 969
accaggaca aggaggactc cttcgagaga ccagtccccc atccttgccc tcaactcgggtg      60
aggagatcta cctatgacct caggtcctca gaccaaccag cccaaggaac atctcaccaa      120
tttcagatcg gatcttctca gcttagcggc tgaagactga cgctgcccgga ttgattgcct      180
gggaagcctc ctggaccatc acagacgcct tgggtaactc ttacagtgga ggacaggaat      240
gtcaggccgg cctctgagcc caagcatgca tgtatacatc cagatggcct gaggcaactg      300
aagaaccaca aaagaagtga aaatggctag ttctgcctt aactgatgac attaccttgt      360
gacattcctt tttccggaca gngagtcttc cggagctccc cactggagca ccttgtgacc      420
cccgcccctg cccgcaagag aacaaccccc tctaactg                               458

<210> 970
<211> 232
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 970
aatgaaatgc caactncact tatcagttnt caccngaaca gnnctnanat ttgcnaccna      60
ctggcctgac tttgcctccc gtctggtgga ccagaactac tacgagntcn catgagctgc      120
tcccgaatcg acaagggcct gaagaaagcc tctgcttctt ctggggcaan tncatgctct      180
catctnaagg acnngatgga tatngatnca aaaggcgggc agacccccaa aa              232

<210> 971
<211> 406
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 971
gtatgggaca aagacaagac tagaagtcac cctaccatcc acccagagac aaatgcacgt      60
ttgacgtctt cctctactct atgtttactt tgttttaactt aaaatgcaga tttaaaatgc      120
agaatgcata actgactgtt cctctactcc ctcttttcac atgtaacatg tggatccagt      180
gaacgctaata caaagcctca caagaatgtg accccttacc tcaactgcata tctacctctt      240
ttttttcttt cctgctttcc cttcttgcca ctctccccctt taaatgttga actcctcaaa      300
atcgtctttg gaaaatgcac agggcacaga tcctactgca actgngtctc cttcccaggc      360
gtatcctnta ttntgggcaa aataaccctn taaatggaaa aaaaaa                    406

<210> 972
<211> 283
<212> DNA

```

<213> homo sapiens

<400> 972
ctattttaatc ctcacgtcaa ctccagagaa gacgaagaaa ctgaggggta gaattcagtg 60
acacgggttaa ggtcacaagc tgacaggggc tcatgctgtc acctagggtg gagtgcgaatg 120
gcatgatcac ggcttactac agcttcgact tcttggggcac aagtgaccct ctggcctccc 180
aactagctgc gactacaggt gcgtgccacc gcacccagct aaactattga ttttctagtc 240
agaaataaca ataaagattt tcatgtcaga tgtaaataaa aaa 283

<210> 973

<211> 322

<212> DNA

<213> homo sapiens

<400> 973
atgcacgaaa ccacgaccaa gagagaagaa gagatttgtc caagaacaca tgcaagtagg 60
cccttgccag aacctggagc cctccagaac ggaagaagaa agtactgttc aaatcaggga 120
cttgactccc acaagactcc cacaagagcc cggagtctta agtggacaat gagccgttta 180
aaaccatgca caggccagtc gcggtggcct agcccgtaat cccagcactc tgggaggcca 240
aggagggcag gtcacttgag gtcagaagtt cgagaccagc ctggccagca tggtgaaacc 300
ccattttctag taaaaataca aa 322

<210> 974

<211> 449

<212> DNA

<213> homo sapiens

<400> 974
gctggagtgc aatggcacaa tctcggtcga ccacaaactc cacctcctgg attcaagtga 60
ttctcctgac tcagcctcct gagaagctgg gattacaggc atgcaccacc acaccagaa 120
atgaggaaac cattgaaaac agggattgaa gaacttgcca agggaatgct tggacaaaaa 180
aatgaattag tttcctgaaa tccatgtgac tcaaacaatg agaagaccct caaccatcc 240
taataaagaa atgagtccaa cgtgcagttt cggaagactc tggagaggga gaagcagtgt 300
cagccacggt ccttcctaac tctccatgag cgaaccatgt ggtcttcata aaagaaccct 360
ttccagcaga tgcactggtc ttctttcttt acaagtcaag aaactgaggc ccagggaact 420
caacttgccc aaggtgatgc aaaaaaaaaa 449

<210> 975

<211> 346

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(346)

<223> n = A,T,C or G

<400> 975
agccagaagg ctggagtcac tgccagagag agagagatag aaagagcaag agagacagat 60
tnttatgggg gctattaaat ttgtntttta cacacacaca cacacacacn cacacacaca 120
cacacacn cn cttgtgngat nttgtcaggc ctctganccc angcctgcan ntatacatnc 180
agatggcctg angcatatga agantcacia aagaagtga cntgggtgga tcctgcctta 240
actgannaca ttnccttgag aaaagacttc tnttgnctca aaagctcccc cactaagcac 300
nntgngacct ccgcccctgc ccancaana acaaccctct ttgtat 346

<210> 976

<211> 386

<212> DNA

<213> homo sapiens

<400> 976
gtatgggaca aagacaagac tagaagtcac cctaccatcc acccagagac aaatgcacgt 60
ttgacgtctt cctctactct atgtttactt tgttttacgt aaaatgcaga tttaaaatgc 120

agaatgcata	actgactgtt	cctctactcc	ctcctttcac	atgtaacatg	tggatccagt	180
gaacgcata	caaagcctca	caagaatgtg	accccttacc	tcactgcata	tctacctctt	240
ttttttcttt	cctgctttcc	ccttctgcca	ctctcccctt	taaatgttga	actcctcaaa	300
atcgtctttg	gaaaatgcac	agggcacaga	tcctactgca	actgtgtctc	cttcccaggc	360
gtatcctcta	tcttggcaaa	ataaac				386

<210> 977
 <211> 394
 <212> DNA
 <213> homo sapiens

<400> 977						
agacaagatg	agactcattt	tatccgtgaa	cccaaaactc	cggcaccagt	catggactca	60
ggaagacagt	cttcgcttgg	tgtttaataca	ctgcggagac	acctggttga	ttattcactc	120
acatttcaga	ggtgtctgat	caccgtgggg	gcgcctgcct	tgatccttca	cctcagtgat	180
ggcctgaagc	aagtgaagaa	tcacaaaaga	agtgaaaatg	gccagttcct	gcctcaactg	240
atgacatccc	accattgtga	tttgttcctg	ccccacctta	actgagcaat	taaccttgtg	300
agattccttc	tcctggctca	gaacctcccc	cactgagcag	cttgtgatcc	ccgcctctgc	360
ctgcaagaaa	aaaacccccct	ttggctgtaa	tttt			394

<210> 978
 <211> 465
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 978						
ctcatctgac	cgaacataaa	gccttggaca	tctagcgcga	ccacctgaga	aagccacctc	60
cttcgcaccg	ggcttcctta	gagcaagatc	ccaggagggtg	aagtgtctct	gggaggcccg	120
gagcccgctc	ttcatcagcg	gcccagcttc	tcttggagag	aatgtgacgc	gccctcttgt	180
ggccgaatgt	ggtatctccc	atcgtgggct	tagggcccgga	cccgccactt	tgatgctttc	240
tttgctcggn	gacattagcc	taatacgtgt	taggctttat	gccgggaaca	gggaacacag	300
acaggatcaa	gaaatggcct	ttttcctcga	tgatttcatt	tctaagtttc	aagagatagc	360
tacataaggn	aaataattaa	gcttttaact	ggaatgggga	ttgnaataca	agaccctcac	420
aagagcaaa	cttnatatat	tgggaagggc	cctcttaagc	tggat		465

<210> 979
 <211> 358
 <212> DNA
 <213> homo sapiens

<400> 979						
ggtgtaatct	aaactcctca	gccaggaata	taggcccttc	ctgaactgac	cttccacagc	60
cgcagctgta	tgccctcctg	gccccatgtg	cctgccgtgt	accgtcgttc	ttctgtgtga	120
accgatcttg	ctctcctgga	gtctctctgg	cgttttcttt	gttattcagt	cccagtcctg	180
cagtatcctc	cttgccctctg	gactctcccc	tcttccctcca	agtccatgga	gtgccctgtg	240
tagactgtca	agaggccaca	aaaccaagtc	acagagctga	caaccatccc	caaagtcaac	300
cagcacagca	gattggagag	tgggattata	ttaggaaggc	ttaatcccca	aaaaaaaa	358

<210> 980
 <211> 387
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(387)
 <223> n = A,T,C or G

```

<400> 980
gaggcagagc aagacggctc aatagaagcc tccactaatt gtcctcccca ctggaacacc      60
aaattgaaca actatccaca caaagaggca ccttcgtaag aaccaaaaat caggtgccag      120
acagaaagtc atctctctgc tcaactgaga caaatgcaga ttcattgagc cagactaagg      180
cataagtgac tattcctcta tggtcccca catgtaaatt gtggattcag tgaaaggctg      240
attgaagagt cagaagaatg taactttttg tctcttatct acctggaacc acaccttatc      300
tacctggaac tgtcccctcc ctgccccccc aatcctgccc tgttttgagt tgnccctgcct      360
ttctggacca aatcaatgca catctta                                     387

```

```

<210> 981
<211> 400
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

```

```

<400> 981
aacatgatgt ctgatctgaa agcatgttgt ggnccncttc ncncnagaac naaagaagag      60
cnngaaggag cttaatgccc agggcntatc cccagggaaga aaaccncctc ttaaggctgc      120
agcttttaaa acaggccnng tcatttcagg aaccgctgct tccttaaccc tgccngacag      180
aaggggggtt aaaaaaggac tgctggccct tgtattccaa ctggcccca gtgctttctg      240
ccntttttatt aacatcaana tggcttacct aatngatngc ttttaanaat ggatggtaan      300
ttaacanttt ttntttttta ngggccccc angcttgggt tgggnggcc ccagacaaaa      360
ttaacccac ananttaaag aagtgggtgg agaaaaaaaaa                                     400

```

```

<210> 982
<211> 329
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

```

```

<400> 982
ggaacaagaa tacttggaca caattcaaag aacaccatca gatacctgag gtctagcttc      60
tggtcccaaa tctgtcattc agaagnngn aacttggcc tttggttgga atctcactgg      120
atttttattt tgtcaagagt aaaattaacc aggtagaat tatgccgaga catagaagta      180
cctcaaaaag tgggtggagg aataagctgc aaagttggaa cttgaatcac ggacctcaag      240
ctccaaatcc agaattcctc actttcccc cgctacctga tacagaactg gagaaaaata      300
aatttgattt aattaaagt caaaaaaaaa                                     329

```

```

<210> 983
<211> 370
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

```

```

<400> 983
gtgggggtctt tcattatgca cgtatacatc cagttggcct gaagcaagtg aagaatcaca      60
aaagaagtga aaatgaccag ttctgtctt cactgatggc attccaccat tgtgatttgt      120
tcctgccgca ccttaactga gcgattaacc ttgtgaaatc ccttctcctg gctcagaagc      180
tcgcccactg agcaccttgt gatccctgcc cctgcccgca agagaaaaat cccctttgac      240
tgtaattttt ctctaccac ccaaatccta taaaacggcc ccacccctgt ctcccttcgc      300
tgactctctt ttcagactca acccacctgc acccangtga ttaaaaaagc tttattgctc      360

```


acaaaaaaaa

370

<210> 984
<211> 478
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 984									
agcacgtctc	tgctgtgacc	agcacaagtt	caagctcctg	gaatgatata	agagacatct				60
actgctcttg	gaggtcatcg	ttggaagggg	aaaaggaaga	cagctagtga	atgtagaat				120
tcactgtgag	ccacatactc	cagcactcta	tcctcgtaat	tgtgtacaga	gtctggctgc				180
agtgcagtgg	tatgatctcg	gctcactgca	acctctgcct	ccctggttca	atcgattctc				240
ctacctcagc	ctcctgagta	gctggagtta	caggcaccgg	ccaccatgcc	tggttaattt				300
tttggtattt	tttagtagag	acagtgtttt	accatgctgg	ccgggctagt	cttgaactcc				360
tgacttcagg	tgatccacct	gcctcagcct	cccaaagtgc	tggaattata	ngcatgagcc				420
accatgcctg	gccaaaagta	aatttttaat	aaaaattttt	attggagatg	aaaaaaaa				478

<210> 985
<211> 487
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 985									
gactctgaat	ttaagtactg	ctaactctacc	acattaccgg	ggaagctgca	ttcaagaaca				60
acatttacag	atttctgaat	gagactacaa	cctcccacaa	gagatattat	ttactgtcat				120
ttatgctagt	gggtatttta	ccctttattg	ctattatata	tgngtgaca	tcaaatttcc				180
cccaggaaag	aagattttga	tttccctcat	ttaaagggtc	ctcttagctg	ttctgtcagg				240
gacgtacatg	cttgntaagg	tttctcatct	tctacaggct	cgctgtggta	ttctgccaca				300
tacaggctct	tatcaatgtt	gctcggaata	ggtttaattt	ctggtcccag	ctgctcctca				360
atacttttca	agggtggaag	cggatcatct	tttgggganc	aagnngatgg	ntaancccan				420
aatgaccaaa	gcgacctaaa	aaacatgcgt	ttaaaaattt	aatgaataaa	atatggaaaa				480
tcaaaaaa									487

<210> 986
<211> 429
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 986									
tagaagcctc	cactaattgt	cctccccact	ggaacaccaa	attgaacaac	tatccacaca				60
aagaagcacc	ttcgtaagaa	ccaaaaatca	ggtgccagac	agaaagtcac	ctctctgctc				120
aactgagaca	aatgcagatt	cattgagcca	gactaaggca	taagtgacta	ttcctctatg				180
ttccccaa	tgtaaattgt	ggattcaagt	gaaaggctga	ttgaagagtc	agaagaatgt				240
aactttttgt	ctcttatcta	cctggaacca	caccttatct	acctggaact	gtccccctccc				300
cgccccccca	atcctgncc	ggttttgaag	ttggcctgnc	tttctggacc	aaatcaatgc				360
acatcttaca	catattgatn	gatgnctcat	atcttcccta	aaatgngtaa	aaagttagct				420
ggaccctga									429

<210> 987
 <211> 323
 <212> DNA
 <213> homo sapiens

<400> 987
 gaggaagaca gagaatctag gaaggtgcc a gggatgattt ctcattccaa agccctggga 60
 gaaatcccat ctctgggcaa gaagagaatc tgaacgcaaa tggatgaaga tgctaattgag 120
 gctcagatga tgagagcaca ctaggctcac agcatgctga caaatccgga aacaggctat 180
 gcttccctcc cgccttccta agacttcagc taagacactg cacatgcccg tccctctgca 240
 ggaaggccat ccacagttat atcttgcttt aaaaaagcaa aactttgaaa aataaaatgt 300
 acaaaattgg gtaaaaaaaaa aaa 323

<210> 988
 <211> 290
 <212> DNA
 <213> homo sapiens

<400> 988
 gtcgcaggct ggaaggttg aatatgccct agatgctgga gcagcgaggc gcgaacgcgg 60
 cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta 120
 ccacgcctgg ctaatatattg ttttttttgt agagacgagg cttcaccatg ttaccccggc 180
 tgatctcaaa ctctgagct caagcaattc tcccaccttg gcctcccaa gtgctgggat 240
 tacagggatg agccactaca gccagtcaat aaaattactt ttaaaagccc 290

<210> 989
 <211> 244
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 989
 tcaacgagga gatccagact gtcttcacaa gtacatgaag ttcttcnaga aggcagcact 60
 tgaccgtgca aaaaattgtt gggaagnggg gggcccnnaa caactgattc aagaaacctg 120
 tcngagcttg ctggagcaag cttaactgnt nttttttgaa ngggaaaaaa gtnatacccc 180
 caantgcccc tgagctttcn ngaataaaaa cggggggcgc cnggccaaaa aaaaaattgc 240
 cccc 244

<210> 990
 <211> 446
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(446)
 <223> n = A,T,C or G

<400> 990
 ccgcgagacc acgaaccac tgggaggaac gaacaactcc agacgcgccg ccttaagagc 60
 tgtaaacactc accgcgaagg tctgcagctt cactcctgaa gccagcgaga ccacgaacc 120
 accagaagga agaaactccg aacacatctg aacatcagaa ggaacaaact ctggacacgc 180
 tgcttttaag aactgtaaca ctcaccacga gggtcctgag cttcgttctt gaagtcagtg 240
 agaccaagaa cccatcaatt ctggacacgg catgatctca gctcactgca acctctgctt 300
 cctgggctca aagcaatttc cctgccccaa cctcctgagt agcttngaag aaanaaacca 360
 caaatgggtt ttnttttgct gacagggctg ctctgngtc ctnttnattc ctggactcag 420
 tctgaaaggg cggccatcag acttct 446

<210> 991

gttggttccta	ctttggccat	tggagctctt	tccagttagc	ttctcttcct	tggacagctt	60
ccatacgttt	ttgagcactt	ccttatttct	gacaccagaa	gatgactcag	gcttgacttg	120
tattctcccc	gtccaacaat	ggaatctgcc	atttctccaa	ggagccctga	ttccttttat	180
ttgagcgtgg	taccgtagaa	gctgagcaac	tttttatctc	tttctaataa	atgctaattc	240
aggaaaaata	aaa					253

<210> 995
 <211> 549
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(549)
 <223> n = A,T,C or G

<400> 995						
ttttgagtgg	tgtggggagg	agaagactgc	cctacgttnt	tntccactgc	tgagaagccc	60
actcagaaga	ctttttggag	cacagacgcc	tctggctgcg	gcatatagca	ctcctggcct	120
cccatttgta	gttcctgggc	ctgggggaat	gtagcccacc	ttaaaagccc	agtgcggtct	180
cagaaggcta	tgaagtccag	aagagagaga	atcccagctt	ggtgtggagg	ctccaagatt	240
gatgggcaat	gtcctcacia	ttggggccct	cagcgatgic	ctcctggaat	gcgttactgt	300
gccacttcac	ctgtggagga	aggcagaaa	aagacacagg	gcaggcagac	tacacagggtg	360
ccaaggggca	ngcacttgic	cacttggtgan	gctgtacatg	aagcatgatg	ctgccagcat	420
ctactttatg	gaangacctc	aagaagcttn	ctctcatggt	ggaangcaaa	agggggagca	480
ggtgtgtcac	attggcaaga	aatgggnnca	aganangagg	aagtaccngg	cttcttttaa	540
caaccaact						549

<210> 996
 <211> 572
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(572)
 <223> n = A,T,C or G

<400> 996						
attacttcat	tggagggaaa	atgaatcggt	cctcaaatgt	accacgtaaa	ggtattctga	60
aatcagggtac	aagatcctta	caaaaagttt	gcagagtaca	tttcgcaa	gcacgaaatg	120
caagatcatt	actatcaatg	cttaaagaca	tttcagctca	aataatacag	agggcttggt	180
tatctcatac	aaacaaaatg	atatttcgac	tcctaaaaca	cgcaatttgt	gcagcgggaat	240
tctatgtaac	acatgaaata	ctgaagaaag	tggccccctt	agaggctaag	cttattaagg	300
atcctactat	gcagtgtaaa	attagattca	ngtaatgtat	ctatgctgat	ttatttcaag	360
aagtacttaa	gttaaatatga	ggaaatcctta	gatatggatt	ttttaaattc	ttgnaacttc	420
tcagacctaa	ttacaaaagta	aatgggggtat	tcttattttac	atttggtatg	naaaagaacc	480
cgagcattga	ctcttgtggc	taaaagtgcc	atgggagtag	ctctcatctc	ccatctgnat	540
cagccttaca	caggtatgaa	aatagtggga	gt			572

<210> 997
 <211> 141
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(141)
 <223> n = A,T,C or G

<400> 997						
tcctttgaga	gctgtggggc	tgnacttcc	ttngnccctgt	gncanntggc	agatcaccct	60
gccttgancc	aggacnccna	ggtnacctnc	ctttccccag	atgccataca	ggacactggg	120

tctctcattg ccatggacac t

141

<210> 998

<211> 554

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(554)

<223> n = A,T,C or G

<400> 998

gcttcccagc	tggcgtgtat	gttgtaaaga	gagttcttca	gcttcagcgt	catcatatta	60
ctctcaagat	gacaactgcg	cactagaaaa	tgaagatgta	caattccaga	aaaaggatga	120
aagagagggg	cctatcaatg	ccgaatcatt	gggaaaatca	ggttcaaatt	tacctatttc	180
tccaaaagaa	cataaattaa	aagatgattc	tattgtggat	gtacaagtaa	gctatgtcgc	240
tttgattttc	aataatatgt	catttcaaac	tactttacaa	gattgaaaac	ctttggtcac	300
catattgtgt	gtgtattatt	aagntttttc	actttgaggt	actctgtaac	tggtacttaag	360
attacttacc	tgctaatagt	actacttttg	agaacatgta	aaattacaga	taataataaa	420
tgtgactagt	ctcttggtag	taaaagtttg	agtataaatc	ctcatttctt	cctcgggtct	480
attttggttc	attatgatgn	atcttgnctc	ttcagatttt	cagntggtaa	anaaattttt	540
ttctaacctg	acca					554

<210> 999

<211> 184

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(184)

<223> n = A,T,C or G

<400> 999

tccataatga	ccaccactgn	attgcancac	atggaaatan	atgggttact	gagtnagcca	60
cantatttga	ttaggncttt	gtaacctgtg	cgnggtggga	ntacnccaag	ngtnaatttt	120
gaaaaagggg	gggggantcn	ctaagngcaa	ataaaaaattt	tatattgacc	acttcaaaaa	180
aaaa						184

<210> 1000

<211> 570

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(570)

<223> n = A,T,C or G

<400> 1000

ggagtggcctt	tacttgctgt	gcatgaaat	gctgaatcct	tattacgggc	tcttccagta	60
ttctacggac	aatatattaca	tggtgcaaat	agatccggat	tcttcaatca	accccgacca	120
cttgtcttat	ttccactttg	tggggcggat	catggggctg	gctgtgttcc	atggacacta	180
catcaacggg	ggcttcacag	tgcccttcta	caagcagctg	ctggggaagc	ccatccagct	240
ctcagatctg	gaatctgtgg	acccagagct	gcataagagc	ttggtgtgga	tcctaaaaaa	300
cgacatcacg	cctgtactgg	accacacctt	ntgcgtggaa	cacaacgcct	tcggggcggat	360
cctgcagcat	gaactgaaac	ccaatggcag	aaatgtgccn	gtcncagagg	agaataaaga	420
agaataacgt	cccgggtgta	tgtaaactgg	agggttatga	aaaggaatcg	gaacccaatt	480
cttactctgc	aaaaaggggt	caatgaactc	atncctcaca	tctggttgaa	acccttttga	540
ncaaaaagga	actgggagct	gatcattagc				570

<210> 1001

<211> 544
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(544)
 <223> n = A,T,C or G

<400> 1001
 atccatgcaa ggctggactt aaatgcttct gggcagaaat ccggaacaat aaggaggctc 60
 atactgtcaa cttttctact ctcacgttct ctgttacaca atgtctgaaa gaaaacattt 120
 caaacattac atcaagttct tcatttggtt cttctataag ctgagaccat ccttgaaata 180
 gactcacttt ggtgtaatca acacttctct ttccctgccat cttgtgaaga aggacctgtt 240
 tgcttcctct tctgccatga ttgtaaactt cctgaggcct tcccagacat atgaaactct 300
 gccttggtgaa gaaggacttg cctgcttccc ttccaccat ggttgtaagt tccccgaggc 360
 cttcccagcc atgcagaact atcaaaacttt ctatccgtga actcttnctt ctatgcaaaa 420
 ttgaagctct gacccacat ttttcttctg cactgcccta gcagagggtc tccacaaggg 480
 cccccactgc tgcagcaaac ttctgcctgg gcattcaggc atttccatac atcctctgaa 540
 atct 544

<210> 1002
 <211> 489
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(489)
 <223> n = A,T,C or G

<400> 1002
 agctgcgaag gtctgctgtg gctttgctcc agaagtttagc gagactgtga accaccagag 60
 gaacaaacga ctctggatgc gccacctgta agagctgtaa cagtcactgc gaaggctccg 120
 tgctttgctc ctgaagtcag caagaccacg aacccatggg aaggaagaaa ctccagacag 180
 catatttaag aactgtaaca ctactgggg tggttcatt cttgaagtca gagagaccag 240
 gaacctgccg gaaggaacca gttccggaca cagtatcgct cttatgcctt tgcacacctc 300
 tggcttagct cccacttatg agtgagaaca cacaatgntt ggttttctat tcctgagtta 360
 cttcacttag aataatagtc tccgggtcca tccagggtgc tgcaaatgcc attaatcat 420
 tccttttttt atggcagagt agtagtcttt ttttttcttt tgagaccgag tcttgctctg 480
 ttgccagg 489

<210> 1003
 <211> 470
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

<400> 1003
 ccagccaaca gtagtagctg aaaagcgaga gcacactgat gaagaacact gcgggcacaa 60
 agaaaaggaa aagtatgtgg agctttgctg tgtatctctc agttcattct actcactaga 120
 acgtggcggt ctcaggaatt gacgtcctcc agggccccc an atgagggtag tgagcaccct 180
 gagagccagc tggactcccc tcttggtgtg ttactgcaca gccacagcct ctgggtaggg 240
 gaagttgtcc tgcacttctg gaatcatctt tttgggtcat ggnggctact gcttgtagtg 300
 tccttctgag gtcaagtga gatanggatg ttcacaagcc tnccttgaa aaggaaacaa 360
 ganactttnc caaggttgat nggaaaaaac caantttgtt ccnacagtgc cccaaaacca 420
 tatcctgggc ttgggggtta aaaacatcct tgcaacaaaa gaggtaaaaa 470

<210> 1004

```

<211> 346
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 1004
tagagacggg gtttcaccat gttaagccag gacgggtcttg atctcctgac ctcgtgatcc      60
gccccgctcg gcctctcaaa gtgctgggat tacaggcggtg agccaccgcg cctggcctca      120
agtggaatgt tctagaaggc atatgatgtg atcttgcaac agattgaatg cagaaacaga      180
gatgagcgtc cagccatctt ccattaagcc agattttaag agactttcaa aaatgtgtaa      240
caatgctact cttctcacia attatttttg gtttgggaaa atatatttta aaatatgttt      300
gcattaatat agaggtnngc tattttactt tgттаattca taaata                        346

<210> 1005
<211> 112
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 1005
gtgtcatttg gggagttttg ccattacaca gggttcttgn naacancagg atnctagnct      60
gatcaatgca cngagtntctg tncctctact tcaactcaatt accctactca tt              112

<210> 1006
<211> 547
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

<400> 1006
ccttctacag ccttggaaag cagctcaagc caacaatata aagagtctct gcctctctca      60
tccaggatgg agtgcaagtg cactatcaca gctcactgta gactcgaact tgtgagttca      120
agtgatcctt ccacctcagc ctcccagta aatgagaata caggcatgtg ccaccaggca      180
tggctaattt ttgttttaat attttgnaga gacagtctga ctatgttgcc caagctgggc      240
tcgaactect gacctcaagg gatccccccg cccaacctc atgggccacc gttccccggc      300
tatccctgca ttttaaaaga taaaggaaac aactcacaag acatganctg ctcaagtgca      360
aaagtnggaa tttntttgan ccatgcagcg gggactttac attatggttc ccaataacctg      420
gactaccttt cctaatttta atttttttga aaacggggcan ttattttttt gccagcttt      480
tatgcaatgg gaccaaatta anttaatggn aaccttggn tctgaagtna aggaaatttc      540
tggccgg                                           547

<210> 1007
<211> 415
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(415)
<223> n = A,T,C or G

```

<400> 1007							
attcccaaga	ttaactggcg	ttctgtaggt	cggcacaaag	tcgtggcttt	gccatctgac		60
ggaggacgcg	cagcggtcgt	ctctggctgg	gtagactgag	acctgaacgc	tgagggactt		120
aggaccagca	gtgccgtcca	ggcctggctg	cagacggaaa	ctacttcaag	ataagctcca		180
ccaaaaatag	agaggaaatc	aagaagatta	anacgcagga	tccagcgcaa	cgctccagca		240
caggagagac	caaaagaacg	tttgacaatc	cactgacttc	ctagaaaaca	gaagagtggg		300
ctgggcatgg	tggctcacgc	ctgtaatccc	atcactctgg	gaggctgagg	tggttggtgatt		360
acctgagatc	aggaattcgg	gaccagcctg	gagaaaccen	gtctctaaaa	aaaaa		415

<210> 1008

<211> 551

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(551)

<223> n = A,T,C or G

<400> 1008							
gtgcaggcat	ggttgtgcac	tctgcagaag	gttatacttt	gaagccacca	agattcattc		60
catgactcca	tcatccttcc	acaggagtat	atgctgctgg	cctgctgact	tctctggagg		120
gatcacatca	cctcaccact	gtgtcacttt	gcagtgtggc	tgaccaagag	cttgttcttg		180
tggtgggctg	ctcatcagcc	cagccatttc	cctgttgttt	ttggtcagtg	ggagattagc		240
agacatgaca	caagaagatg	ctgcagatgg	gcttgggcat	tggagcttgt	cctcttgac		300
ctatgccatc	accatgagga	aaacaagcct	gggcaagtct	accaatccca	ggatgaggct		360
gagggtcctg	tgtagcaa	gagctgacag	ctgctggagt	cccaggaaac	aaaaagaagc		420
aagaaggaac	caaattctgga	ttgnaatgng	gatgccta	gatttccac	tgaacattt		480
acaaaattgc	ctgtctgatg	aaaggaatga	ggaggagcat	tgncgtggng	aangactctg		540
atgaagcttt	t						551

<210> 1009

<211> 413

<212> DNA

<213> homo sapiens

<400> 1009							
ggggaagatt	ttgatgtcta	caatgcaaat	gttccttcga	cggctaacca	tgcattctcac		60
aactctctgg	gacagagttc	ctacaaccag	tttccaatta	aaattgataa	ttgataaaac		120
atttaaaaca	tgctacctat	agagaggaaa	tgtagctcca	gttcaatgaa	gattttcaca		180
aatgagatgg	ggtctccgta	tgttaccacg	actggtcttg	aactcctggg	ctcaagcgat		240
ccaccacact	cagccttcca	gaggctataa	tccagctggg	attataggtg	tgagccactg		300
tgcttgccct	aatatgaaaa	gcttttatgc	atttaacatc	tatcaatcaa	cctctcctgg		360
cctatttcct	aagtgattgc	catggttttc	taggatgtca	agttccttaa	gag		413

<210> 1010

<211> 218

<212> DNA

<213> homo sapiens

<400> 1010							
gttatcaaga	ggagtggaa	tggtggcttt	ataagaagag	aaagtgagac	tgagagctagt		60
gtgttttagct	ccttcaccat	gtgatgccct	gcaccacctc	aggactctgc	agaatcccca		120
ccagcaagaa	ggccctcacc	aaatgtagct	cctcaacctt	ggacttttca	gcttttggtta		180
actataagga	ataaattcct	tttttacata	aaaaaaaa				218

<210> 1011

<211> 350

<212> DNA

<213> homo sapiens

<400> 1011							
accctgcact	cgatggatca	gctgacacca	cccagactgg	gtaatctggc	tcaaccagtt		60

ctgccatccc	acccaggaac	agaaaacagc	aagaaaaact	cacttcgacc	ccctaggatt	120
ccatctccaa	tctcaccaac	cagcattccc	cacttcggaa	gcccctacct	gccaaattat	180
ctttaaaaac	tctgatgccg	aaatgctcag	ggagactgat	ttgagtaata	ataaaactcc	240
ggtctcccgc	acagccggct	ctgcatgaat	tactctttct	ccactgcatt	tcccctgtct	300
taataaatcg	gctgtgtcta	tgcagcgggc	aagggtgaatc	caaaaaaaaa		350

<210> 1012
 <211> 325
 <212> DNA
 <213> homo sapiens

<400> 1012						
gctggagtgt	gatggcgcaa	tcttggtcga	ctgcaacctc	tgccctcctgg	gttcaagcga	60
ttctcctgcc	tcagcctccc	gagtagctgg	gattataggg	gcctgccacc	acgcccggct	120
aattatttat	atttttagta	gagacggggt	ttcaccatgt	tgccaggct	ggtctcgaac	180
tcctgacctc	aggtgatcca	ccgcctcag	cttcccgaag	tgctgggatt	acgggcgtga	240
gccaccacac	ccggcctcta	atcttaattg	aatttcttaa	gcaggcttct	ccatgaaaat	300
aaaatgaagt	gattgacaaa	aaaaa				325

<210> 1013
 <211> 444
 <212> DNA
 <213> homo sapiens

<400> 1013						
atggagtctt	aatctgtctc	ccagactgga	gcacagtggc	accatctcag	ctcaactgcaa	60
cctctgcctc	ccgggttcaa	gcaattctcc	tgccctcagcc	tcctgactag	ctggggattac	120
aggcgcctgc	cgtcatgcct	agttaatttt	tgtattttta	gtagagatgg	ggtttcacca	180
tgttggccag	gctggctctg	aactcctgac	cttgtgatcc	gctcaccttg	gcctcccaaa	240
gtgctgggat	tacaggcgtg	agccactgtg	cccggccgga	tctgatgggt	tttcccctgt	300
tgctcggcac	ttctctttcc	agtcaccatg	tgaagaaaga	catgtttgct	tccccttccg	360
ccatgatttt	aagtttctctg	aggcctattc	cctagccgca	ctgaactgtg	agtcattaaa	420
cctcttttct	ttataaatta	aaaa				444

<210> 1014
 <211> 200
 <212> DNA
 <213> homo sapiens

<400> 1014						
ccgcgcgcgc	tccactgtca	ctctccaagg	ccggcgccac	ctctcactca	ccgagctcca	60
gccgaaggag	aaggggggca	cagtggctca	cgctgtgaat	cccagcactt	tgaggaggctg	120
cggcgggcgg	atcacgaggt	caggagatca	agaccatcct	ggctaacacg	gtgaaaccct	180
atctctatta	aaaatacaaa					200

<210> 1015
 <211> 230
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 1015						
accggcacga	tcattgactta	ctgcngccta	nacctcccan	cctcaagtga	tcctcctgtct	60
tcagcttcct	gagtagctgg	ggactatagg	tgatacctgc	tcccttcacc	ttctgctgtg	120
agtggaagct	ccctgaagct	ctcaccagaa	gcagatgctg	gcaccatgct	tcttgtacag	180
cttgagggaac	catgagttaa	ataaacctct	tttctttata	aatcaaaaaa		230

<210> 1016
 <211> 504

<212> DNA
<213> homo sapiens

<400> 1016							
aatatcctga	ggccttttct	actgcaaaat	ggatcatgaat	ccctaaaggt	ttcagaaaaat		60
gataccccaa	aatgaagatc	tcagaagcag	ctctctctga	ccttagctta	ccctcttctg		120
tctgaccctt	ccatcttcca	agaggctagc	cacagaaact	agaatcccat	ggaaaccaga		180
accctttccc	ccaaagccag	caataaaaatc	taaaaatatt	actctaacc	tccccaccac		240
ctttctgtgt	aaaaactggc	cataaagaaa	ctacctgacc	tacgttattg	actgtaggcc		300
atgagaactc	tattccagag	agggtcctga	cccagaccca	gaaggaggga	atgcatgctt		360
agagagacca	agaagaat	aactggacag	gccttgctgc	gtttccccac	tcagtctatt		420
agcgtcaaat	catgcccatt	ttgtccagtc	atatttctac	atggccgccc	atactttctt		480
gaagctaagc	atacagactg	tttc					504

<210> 1017
<211> 266
<212> DNA
<213> homo sapiens

<400> 1017							
gataggcatc	attgactgga	cttgcttcat	tactatggct	ttgcagaatg	gatcaacctc		60
aggtagccct	attacaaaag	gaactgactc	agctcaagag	aaaagcttca	actccctatg		120
atttcatctt	tgacccgacc	aaccagagct	cctgactcac	ccaccacta	cccaccaa		180
tatccttaag	aactctgac	cctgaatgct	cgggaaattc	atttgagtaa	aaataaaaact		240
ccagtctcct	gtacagccaa	aaaaaa					266

<210> 1018
<211> 205
<212> DNA
<213> homo sapiens

<400> 1018							
agatattcta	tccaagaatt	tgctacagtc	tttctgtgag	acaacagatt	tcttcatgtc		60
agcacatcat	aatgttcaat	gtgttccttg	gtttgtcact	tgagaacgtg	cagtagcact		120
agcagtagaa	gatgtcaagg	tggcagcttt	tacagcaatg	caagtgttag	cattaaaagt		180
gtaaggattt	atatactaaa	aaaaaa					205

<210> 1019
<211> 323
<212> DNA
<213> homo sapiens

<400> 1019							
gagacgtga	gtccacgtgc	tctaggattc	cctttgtgac	ctcaacgacc	tgaaacctcc		60
tgactctggc	tagagatgga	ggcctcacca	tggtgaccag	actggctctg	aactcctaga		120
ctcaagtgat	cctgctgcct	tggccttcca	aagtgtctga	attacaggtg	tgagccactg		180
cacctggccc	acttcaatct	tttgattgtt	tcctttgggtg	tgcaaaagct	ttttggtttg		240
ataaaaattcc	atgtgtctat	ttttgctttt	gttgccctgtg	cctttgaggt	cttattaaaa		300
aaaatccttg	cccagaaaaa	aaa					323

<210> 1020
<211> 298
<212> DNA
<213> homo sapiens

<400> 1020							
gtcgcaggct	ggaagggttg	aatatgccct	agatgctgga	gcagcgaggt	gcgaacgcgg		60
cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcataatgcta		120
ccacgccttg	ctaataat	tattttttgt	agagacgagg	cttcaccatg	ttaccagggc		180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat		240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagcca	aaaaaaaaa		298

<210> 1021

```

<211> 155
<212> DNA
<213> homo sapiens

<400> 1021
acaaagtggg gaagaaaggg aagaaggaca agaagatcaa aaaaacgttc tttgaagagc      60
tggcagtaga agataaacag gctgggggaag aagagaaaagt gctcaaggag aaggagcagc      120
agcagcagca acagcaacag cagcagcaaa aaaaaa                                155

<210> 1022
<211> 489
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 1022
gactccaatt ctgctcagga tgacaatgga ctcaacaaca acaacaacaa caacaacaaa      60
atagctgtgt tgcccagctt cctttccaac tggagtcagc tacaggatga gattcggggc      120
aatgacattt aagaaaaact tcttggtgca cttccaatga tccattttta aaggggacag      180
attcatcagc atatgctttc tgccctcgagt ccagggtttc tcaacacttt gggccagata      240
attcttgctc tgggggtttgt cctataaatt gtaggatggt tagcagcatc tttggcttct      300
acaaattaga taccaggagc aacccatgcc cccctccgca agttgtgaca accaaaaata      360
tctncatata ttgccnaatg tgcccctggt ggcaaaatca cctncagctg aaaactactg      420
ctttaaccct ttctcttctt cctttttgga atggctgatg caatgccaga agccgagcag      480
ccatctagt                                         489

<210> 1023
<211> 285
<212> DNA
<213> homo sapiens

<400> 1023
ctcaaagtgt gccttttcct aaactaccca tggccccacc ccacctcatc ctgtgcctat      60
aaagacccca gactcaatca gcagagagga gaagcagctg aatggttgag agaagggact      120
tgacttcaga gggacagctt gatggagtaa ccggagaaaa tccagccgga cttcagggga      180
agatcaccta cccctcctct gtcccctttt cagctcccct ctcttccac tgagagccac      240
tttcatcggc aataaaatca ttccctgcatt taccatcaaa aaaaaa                                285

<210> 1024
<211> 285
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

<400> 1024
ctcaaagtgt gccttttcct aaactaccca tggccccacc ccacctcatc ctgtgcctat      60
aaagacccca gactcaatca gcagagagga gaagcagctg aatggttgag agaagggact      120
tgacttcaga gggacagctt gatggagtaa ccggagaaaa tccagccgga cttcagggga      180
agatcaccta cccctcctct gtcccctttt cagctcccct ctcttccac tgagagccac      240
tttcatcggc aataaaatca ttccctgcatt taccatcaaa aaaaaa                                285

<210> 1025
<211> 398
<212> DNA
<213> homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 1025
 tcccaaactg gagcacantg gcaccatctc agctcactgc aacctctgcc tcccgggttc 60
 aagcanttct cctgcctcag cctcctgact agctgggatt acaggcgcct gccgtcatgc 120
 ctagttaatt tttgtatttt tagtagagat ggggtttcac catgttggcc aggctggctc 180
 ggaactcctg accttgtgat ccgctcacct tggcctccca aagtgtctggg attacaggcg 240
 tgagccactg tgcccggccg gatctgatgg tttttccccc tttgtctggc acttctcttt 300
 ccagtcacca tgtgaagaaa gacatgtttg cttccccttc cgccatgatt ttaagtttcc 360
 tgaggcctat tccctagccg cactgaactg tgaaaatt 398

<210> 1026
 <211> 145
 <212> DNA
 <213> homo sapiens

<400> 1026
 acaaagtggg gaagaaaggg aagaaggaca agaagatcaa aaaaacgttc tttgaagagc 60
 tggcagtaga agataaacag gctgggggaag aagagaaagt gctcaaggag aaggagcagc 120
 agcagcagca acagcaacag cagca 145

<210> 1027
 <211> 425
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 1027
 gcccatcatg tgggtctcatg gactatgaac atttggagtc tgaggaagaa ttctcatcaa 60
 tgtgctggatt tcagccttca ctccctaaatg tcttcttcaa tctgttcttg atccatgtcc 120
 atatcaagac atcctcttgc tgcattggcca agcctccggt ctcaaatacct gccacacctc 180
 ctgcttgcca ccagaggggt cttcctaaag cggtggctgt gatcatgtca ctcttctctg 240
 gaagaacatg tgttgcttgt ttgttttgtt ctatgttgca gcttgatggg tctcgatctg 300
 tcaactcaagc tggagtgcag cggtgtcatc atggctgact gcgaaccttg nactnctngg 360
 ctcaagcaag tctctccacc tcancctcct gagtaagctt gggactacag acgcatgcca 420
 cccc 425

<210> 1028
 <211> 285
 <212> DNA
 <213> homo sapiens

<400> 1028
 ctcaaagtgt gccttttctt aaactaccca tggccccacc ccacctcatc ctgtgcctat 60
 aaagacccca gactcaatca gcagagagga gaagcagctg aatgttggag agaagggact 120
 tgacttcaga gggacagctt gatggagtaa ccggagaaaa tccagccgga cttcagggga 180
 agatcaccta cccctcctct gtcccctttt cagctccctt ctcttcccac tgagagccac 240
 tttcatcggc aataaaatca ttcctgcatt taccatcaaa aaaaa 285

<210> 1029
 <211> 275
 <212> DNA
 <213> homo sapiens

<400> 1029
 ctcaaagtgt gccttttctt aaactaccca tggccccacc ccacctcatc ctgtgcctat 60

aaagacccca	gactcaatca	gcagagagga	gaagcagctg	aatgttggag	agaagggact	120
tgacttcaga	gggacagctt	gatggagtaa	ccggagaaaa	tccagccgga	cttcagggga	180
agatcaccta	cccctcctct	gtcccctttt	cagctcccct	ctcttcccac	tgagagccac	240
tttcatcggc	aataaaatca	ttcctgcatt	tacca			275

<210> 1030
 <211> 235
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(235)
 <223> n = A,T,C or G

<400> 1030						
gatttccatc	cagactatct	ctcccaaagg	caacactctt	tcatagccag	acttntttca	60
aaccaaacct	tgacccttca	cnaagantgg	anaantncna	ctggnaangg	gcnggaacac	120
atctgttacc	cacagcaact	ctgttgaaat	ctgaaacctg	aagaattact	caaattggata	180
gtctttggac	aagaatgtgt	acctgctctg	aaacattaat	ccccacagag	gatgg	235

<210> 1031
 <211> 237
 <212> DNA
 <213> homo sapiens

<400> 1031						
gctggagttc	agtggcacga	tcatgactta	ctgcagccta	gacctcccag	cctcaagtga	60
tcctcctgct	tcagcttcct	gagtagctgg	ggactatagg	tgatacctgc	tcctttcacc	120
ttctgctgtg	agtggaagct	ccctgaagct	ctcaccagaa	gcagatgctg	gcaccatgct	180
tctgttacag	cttgaggaac	catgagttaa	ataaacctct	tttctttata	aaaaaaa	237

<210> 1032
 <211> 271
 <212> DNA
 <213> homo sapiens

<400> 1032						
tgaagctggc	gaaatccaag	atggctgcct	ctgaagagcc	tctggcttta	tcatcatcct	60
gttctcatgc	taaacaacac	tcccaccagc	gccgtgacaa	ctgacggctg	ccatgacaac	120
gactggaaga	gaccaagaag	ggacagaaaa	aaaggggttt	cttgattccg	ggaaaaatct	180
ccgttctttc	ccaaggaaaag	cacgaatatt	cccccccgctg	ctcttaatgc	ccagcccctt	240
cattaaagac	accctacctc	ttaaaaaaaa	a			271

<210> 1033
 <211> 328
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 1033						
actatgctgc	ccagactcgt	ctcgaactcc	tgggtgtcac	ngcgtgtccg	tatagaagac	60
cacctaaaca	ggcttttgtg	tcacgtgttg	aaatcctaac	tccaaatatg	atgataggag	120
gagatggggc	cttcggggagg	tgatgaggtc	atgagggtgg	aatcctcatg	aatgggtctca	180
acgcccttag	aaaagagacc	ccagagacct	cgctcccgtc	ttctactgtg	ggagaatgca	240
gcaagaagtc	agccgtctat	gaacaaggaa	gcaggtcctc	tccaggcact	gaatgtacca	300
agtgccttga	tcttggactt	tcccacc				328

<210> 1034

<211> 215
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 1034
 aaagctatca taatactttg tttctgtcct taactgaaat ctttccagaa aatccaagnc 60
 ccggctagta cncgaattgg agaaaaaggt cattgggaaa ngangggggc tttnccttc 120
 nanggnaaan ttttgcttaa ncccanntcg aaaaagccgn ncaaaaaata agcaaaagcg 180
 tcccangagc cgtactcttg acaactgtgc acgat 215

<210> 1035
 <211> 144
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 1035
 cattcacact cttccctgga ctttgggaag ggacactgct ngcttggaac tctcaaccct 60
 ggncccttgn gctgggngct gcacacaaga acngntnta ccctgggna ctgtgatgct 120
 acgntggaaa gtcataaaca ttga 144

<210> 1036
 <211> 261
 <212> DNA
 <213> homo sapiens

<400> 1036
 ggtctctctc tgtcaccag gctggagttc aagtggcacg atcatgactt actgcagcct 60
 agacctccca gcctcaagtg atcctcctgc ttcagcttcc tgagtagctg gggactatag 120
 gtgatacctg ctccttccac cttctgctgt gagtgggaag tccctgaagc tctcaccaga 180
 agcagatgct ggcacccatgc ttctgtgaca gcttgaggaa ccatgagtta aataaacctc 240
 ttttctttat aaatcaaaaa a 261

<210> 1037
 <211> 562
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(562)
 <223> n = A,T,C or G

<400> 1037
 aatctctaaag tttagttggt gaaaggtacg tcattccaaa gagctatgga tcgatctttc 60
 tcccaattta gtacgtgct ctgaagcctt catttctact atttctcagc cacaagagaa 120
 aacaagaaca acccaaaaatg aattatattt tcattctttg ggatttcaac acttgagatt 180
 atggagttca agttgtattt ttctggatta taataggctt tcttctaaaa tcaatctcag 240
 ttgataactg gaaacaagca aaggaggtaa tgtaaccxaa tttattctac cacaatgata 300
 tatcatcagt tcattctgtaa tcaagcagag acttttcatg tattaacaaa ccctatgatt 360
 ctggaatgta aatgaagtaa gatttaaaac ttaattacct caaataccga atttgtgctc 420
 tacaattgna gtatgctgca aattactcac caataactgc tgctcctcca ctcactcact 480
 cactcactca ctcactcact cattgatgtt acctcttctc ccaacctcac attcctcaaa 540
 ctattggtaa agcaataaaa ct 562

<210> 1038
 <211> 192
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

<400> 1038	
actgaggact ggagatggtg attttactgc tgcttgtggc tatcgtgggt gttgcacgtc	60
tgaagaagaa ganggggnnt tagtgtttct acatcaggat cncctaacag gcagtgcacag	120
angcatgccc ancacnnttt nggtncgcaa aacctgctct caataaattc ccccaaagct	180
ctgaaaaaaa aa	192

<210> 1039
 <211> 288
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

<400> 1039	
caggcaggat gtgacagggg agccccagga ncgagacatt ngctccgnag gagctncngc	60
aagagctnaa cactntggcc aaccctttcc tgncaagcnc agggacttgc tgatgtctca	120
tnagcttgcg agtnacccaa cacnntnctg ctnantnatg gacccaatgc ccttcctttt	180
nacnaacctt ttgncctttc atnggnctta ggnttggggc tccttgccca ctctacncct	240
ggncacctca ataattggacc agtgcttggt tttgttggga aaaaaaaa	288

<210> 1040
 <211> 465
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 1040	
ctactctgtc cccaggctgc ctagantcac ancaacctct gcctncaggg ntcaagngan	60
tnttntgcct nagactccnn agtagctggg actacagggt tgaggcctnt gggcccaanc	120
taagccatna tatccctgt gatcngcacc tacacattca gatggcctga agtaagtga	180
gatacncaaa agaagtgaat atagccttaa ctgatggcat tccaccattg tgatttgntt	240
ctgcctcacc ctaactgatc aatgnctttt gaaatntccc cgcaccctta agaaggntct	300
tttgtaantt ctccccacc cctttgaaaa angtaacttt gnggagaatc caccctntgg	360
cccgcacaaac aattgggtcn ttaaacttcc aaccggggct tatcccaaaa acctataaga	420
agctaattga taatncacca cccttttgng tggactcctt ttttc	465

<210> 1041
 <211> 499
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(499)
 <223> n = A,T,C or G

```

<400> 1041
tcctgcttag gtcctgcttt aagttngaag tgagcntgtg agaacacagt gagaaggtgg      60
ccntntacta gccaaagaaga gagccttnac cngaaatggn attgnctggc atnttaagtt      120
tggaacttccc agccttcaaa gctgtganaa aatncatggt gcttnnnccc aatttnaaat      180
ntnncannaa tgnnaagcct ntgagcccaa nctgtgccat catatccnct gngatctgca      240
catacncatn cagatggccg nttinctgct taactgatga cntttccccc acnaaagang      300
ngnnnatggc ctgttcctgc ctttaactga tgacattntc tttgttnaaa ttccttttct      360
ggggttattc ttggntttaa aagctccctt tactgaggga cccttgtnga cccccacttt      420
tgccccggca agaaaaataa accccccttt tgactggnaa tttttccttt tatcttacc      480
caaatcctat taaaaatgg                                     499

```

```

<210> 1042
<211> 115
<212> DNA
<213> homo sapiens

```

```

<400> 1042
agaagatggc gaattagaag atggtgaaat acgacgatgc aggatttgaa gaaatacaag      60
aaaaagaagc aaaagagaat gaaaagcaga aaagtggagaa agcctacaaa aaaaa      115

```

```

<210> 1043
<211> 112
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

```

```

<400> 1043
agaagggcct ttgaccttct ttgagccacg ctcagcantg gttaagtcca agctgaattg      60
gccaatctct ttgcgttttt accctggaan aaatacttat aagccacctc tg      112

```

```

<210> 1044
<211> 188
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

```

```

<400> 1044
atgttctcct atcaccagca cagtgccacg cacngtggga ggtattcaac tgctgctaac      60
tggtgaacaa accagccggg tcactctgaa aatgactgtc ctggactcct caaaaatgtc      120
aactcatggg agaaaaaaag gctggggaat cattcttgat taaagcacac caaagagaca      180
taaaaaaa                                     188

```

```

<210> 1045
<211> 338
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

```

```

<400> 1045
caacaacagg gtgcctggca caaggagata ctcaagtaaa actctcatct gctgtgtcat      60
taaggggaac acttaatggc tcacgcctgt aatcccagca ctttgaggagg ccgaggcgga      120

```


aggatcacct	gagcccagga	gttggagacc	agcctgggca	acagattgag	accctgtctc	180
aacaaagaag	aagaagaaga	aaaaggccag	gcgccgtggc	taatgtctgt	aatcccagca	240
ctttgggagg	ccaagaagg	agaactgctt	gaggccagga	gttcgagacc	agcctgggtca	300
acataacgag	accccccccc	nttttcaaaa	ttaattaa			338

<210> 1046

<211> 465

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 1046						60
ttatatgaat	gacagaaaga	aacaatgaaa	ttgaaggaaa	ggaagatgaa	cgctaaggct	
ganctcgact	cacagcaacc	tctgcctcca	gggttcaagt	gattcttctg	ntcagcctc	120
ccgagtagct	gggactacag	gtagatgtcg	gggcttcacc	catagtgtta	ccggaaagcg	180
gtcccgatcc	agaccccaag	agagagtcct	tggacctcat	gcaagaaata	atttggggtg	240
tcaggcctct	gagcccaagc	taagccatca	tatcccctgt	gatcttgac	ctacacattc	300
canatggcct	ggaagtaagt	gaagatccac	aaaagaagtg	aaaatagcct	taactgatgg	360
cattccacca	ttgtgatttg	tttcttgctc	accctaactg	atcaatgtac	tttgaaatct	420
cccgcaccct	taanaangtt	ctttgtaatt	ctcccaccct	tatca		465

<210> 1047

<211> 438

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(438)

<223> n = A,T,C or G

<400> 1047						60
gtcttttagat	aataacaact	ctttcaacca	agtgccaatc	aagaaaatct	ttgaatccat	
ctatgaactt	tctccctaaa	aggtgtaaaa	ccggctgggc	gcagtggctc	acgtctgtaa	120
tcccagcagt	ttgggagggt	gaggcagggt	gatcatgtca	ggcctctgaa	cctaagctaa	180
gccatcgcat	cccctgtgac	ctgcatgtat	atatatgcct	agatggcctg	aagtaactga	240
agaatcacaa	aagaagtga	aatggcctgt	tcctgcctta	gctgatgaca	ttccactaca	300
aaagaagtga	aaatggccgg	tccttgccct	aactgatgac	attaccttgn	gaaattcctt	360
ctnctggctc	atcctggctc	aaaaaagctc	ccttaattga	gcacctttgg	ggacccccac	420
cccctgccca	ccaaaaga					438

<210> 1048

<211> 421

<212> DNA

<213> homo sapiens

<400> 1048						60
atatatttga	tcctctgaac	tcttggtgtg	ggaagtaatg	tatacaaagc	actgactata	
tatgtatatc	tttatatctg	cataccaacc	cctctgtctc	agcctactca	gtgtgaagat	120
gacaaggatg	aagaccttta	tgatgaccca	cttccactta	atgaatagaa	aaaaccccag	180
gctcagcaag	cagagaaagg	agaagaggaa	atgcagcagg	acctcaggga	ctacggttgg	240
acatcagaga	gatgcagctt	gacttcacag	ggacagcttg	acagtgtagc	tttgggtgagg	300
agtccaactg	tccccagggg	aagattactt	tccctctctg	tcactgtttc	atctctcttc	360
ccgctgagag	ccactttcat	catcaataaa	atccccacat	ttacctcctt	caaaaaaaaa	420
a						421

<210> 1049

<211> 249

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(249)

<223> n = A,T,C or G

<400> 1049

tacctataga	tctggtnnag	cattntttct	ggatgtgtct	gtgaanatnt	nccntnnaag	60
actgacatgt	nagttggaga	aaatcaactt	cctgtttgga	taccactat	acatttaaag	120
ttctacaatg	aacccatcan	agatgcaaag	aaaagtgcct	tcnctnagac	agaaaacctg	180
cttcgagcat	catctactcg	ccaggtgaac	aaaatggtga	ttcaagaaga	acagatgaaa	240
ggtgccatc						249

<210> 1050

<211> 443

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(443)

<223> n = A,T,C or G

<400> 1050

gtacctctc	tcgcctgtga	actgttggta	tctggttctg	catcagaccc	ggcgggagag	60
ccgagaccat	gccaccctca	atgacatctt	catgaacaat	gtcatcgtcc	gcctctccta	120
gatcagnag	gatgtcatca	gactcttcaa	aaagagcaag	gagattggcc	tgcagatgca	180
cgaggagctc	ctgaagggtga	ccaatgagct	ctacacagtc	atgaaaacct	accacatgta	240
ccatgcagag	agcatcagtg	cggaaggcaa	gctgaaggag	gctgagaagc	aggaggagaa	300
gcagttcaat	aagtcaggag	acctcagcat	gaacctgctc	cggcacnaag	accggcccaa	360
ccgccnanct	tttggaanaa	aaattgggaa	anatgaagga	naagaaggca	ggccaagtac	420
ttttganaac	aagcttgaaa	tgc				443

<210> 1051

<211> 306

<212> DNA

<213> homo sapiens

<400> 1051

gttttgcctg	gaaagcggtg	aaggagctga	atctccaatc	tgggttataa	gaccaaaagc	60
atcttggata	aacaggcctg	aggcttgccc	aggctgaagt	gcaatggcgc	gatctcagct	120
cactgcaacc	tccgcctccc	acgttcacgc	gattctctag	cttcagcctc	ccgagtaggt	180
ggaattacag	gcgcccgcga	ccatgcccgg	ctaatttttt	tttaattttt	agtagagaca	240
gggtttcacc	atattggcca	ggctgattca	aactcctgaa	ctcaggtgat	tcgcccacct	300
cggcca						306

<210> 1052

<211> 296

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 1052

gatttgagca	tttcaactgca	tagnctgcaa	acctatttgt	gctgtgtcct	ctgnnanagc	60
ttgcntggna	ctataacttg	agcctaccag	ggcatcaana	ccaaagctga	atgtgaatct	120
gatggctgct	gctttanntc	aaagcccatg	gagngctata	cctacagaag	ccnaacttta	180
ataaactggc	ctgagcnata	ncaaattggg	aggattctga	attaaccnac	cctttgcctc	240
acaggctgtc	cacttcttct	ccgtaataan	aaccttgctt	attcacatgt	cccagg	296

<210> 1053
 <211> 549
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(549)
 <223> n = A,T,C or G

<400> 1053
 gtgagaaaaa ctcattctaaa ccttttgact tgggaattgcc cacatagacc acatcagcaa 60
 tggagacag agcaaataac atgtcgggtc aatgtatgaa ggagcttttc tttccctgc 120
 cccaaccctc agacagagac catcaagctt cagatgatga tgcaacaaag gtttcagcca 180
 gttccagggtg aagacaccac ccttggacat caagaagcta ccctgccttc actagataga 240
 gcagggagag ttctgtgata cccaatangg cctttgnaga cgctattcct ttgnggagaa 300
 gactctcaac acccttcaaa tactatgata tcattcaggaa ggccctccct gaccacctat 360
 gcctggagaa tcgcttgaac cgggagggcg aggttatagt gagcagagat cgcaccactg 420
 cactccagcc tggcaacaga gcgagacttc cgtctcaaaa ccngaaacaa acaaacaaaa 480
 cgacancaac aacaacnaag taaaaccatt gaaaactaaa aaccacacaa gcaggcaata 540
 acaacgaac 549

<210> 1054
 <211> 287
 <212> DNA
 <213> homo sapiens

<400> 1054
 gtcttcctta atatatgtca gcagtggagt ggtgtgctta aggagagaga gacttggaaa 60
 aatacagacc gagaacaagg ccatgtggag atagaggcag agactgaagt tgtaccacca 120
 aaggcaaaga atatacaagta ttatcagtaa ccacaggaag ctggaagagg ccaggaaagg 180
 tttttcttag agaccttga aggagcctga ccctggaaca ccttgatttt agacttctga 240
 ccctcaaaat tgtgaaagaa taaatttctg ttgttttaag caaaaaa 287

<210> 1055
 <211> 142
 <212> DNA
 <213> homo sapiens

<400> 1055
 ctctgcattt ctccttccta ccaccatgtg aagaaggaca agtttgcttc ctcttccacc 60
 atgattgaag tgtaaaagga tacgaaatat ttcttgcatt atgtcctagc aagaattctt 120
 acacctagtt tggaaaaaaa aa 142

<210> 1056
 <211> 536
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(536)
 <223> n = A,T,C or G

<400> 1056
 gggatgaacg tagggcactt agcttcttcc accagaaggg cctccaggat tttgacactc 60
 tgctcctgag tggatgatga aatactctct acgtgggggc tcgagaagcc attctggcct 120
 tggatatcca ggatccaggg gtcccaggc taaagaacat gataccgtgg ccagccagt 180
 acagaaaaaa gagtgaatgt gcctttaaga agaagagcaa tgagacacag tgtttcaact 240
 tcatccgtgt cctgggtttct tacaatgtca cccatctcta cacctgcggc accttcgcct 300
 tcagccctgc ttgtaccttc attgaacttc aagattccta cctgttgccc atctcgagg 360
 acaagggtcat ggagggaaaa ggccaaagcc cctttgacct cgctcacaag catacggtg 420
 cttggtggat gggatgctct attctggtac tatgaacaac ttntctgggca gtgagcccat 480

nctgatgccc acactgggat cccagctgtc ctcaagaacc gacaacttcc ttcgct

536

<210> 1057

<211> 400

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(400)

<223> n = A,T,C or G

<400> 1057

gctagagtgc	aatggcgcaa	tcttggtcca	tggcaacctc	cacctctcag	gttcaagcca	60
ttctcctgcc	tcagcctccc	gaatagctgg	gattacaggc	atgagccacc	gtgcctggat	120
gacgtgtccc	aggctgtctc	agaattgtga	aatagtttgc	acacacagaa	gtccagtctt	180
tgggacgtgc	agttccacgg	ttctgaacta	atgtgcagag	cctcccgtcc	accactgcag	240
ccccctcccag	agcggctcct	tcattcttcca	agtccccagc	atgtccccctt	tgcagccaac	300
gtctcccggc	tctgtcagcc	cctggccatc	ctgatctgtt	ctctgtctct	atggnttgcc	360
ctttcccaga	atggccaata	aattggaatc	ccatggtggt			400

<210> 1058

<211> 190

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(190)

<223> n = A,T,C or G

<400> 1058

ctctggggag	ctacctnctt	aaganctanc	tgattaactc	naaacngntg	actctggnc	60
tcctacgcct	gataccnagc	ttgccaggac	cgnttggnca	gggggacttg	gctgtccccc	120
gtctttcaaa	taaagctggt	tgnctaaaat	aaataaataa	ataaataaat	aaataaattt	180
atttttttaa						190

<210> 1059

<211> 586

<212> DNA

<213> homo sapiens

<400> 1059

acaattgttt	tatgtcaatg	cttttctaaa	agctcttgcc	atcaactaca	ggccagaatg	60
cttcatcttt	aacaaaaggg	gaccatttca	gatacccatg	aagaggacca	tgccagggtc	120
agaggggtaca	tgtgcggatt	tgttacttgg	ataatttgca	cgtcgctgag	gtttggtgta	180
caaatgatcc	tatcaccccg	agtagtgagc	ataggacacg	acagatcctt	acctcacaag	240
gcctgaccag	tgtcttcaat	aaaccacctt	ccttgtttgt	gaaacatctg	gggaagtatt	300
aaatggggga	aaggaaggaa	ttaacagccc	accaaaatgg	tgtgaaaatt	actttaaact	360
caaaacatct	tcacaatcag	cagccacaga	aagaaacatt	atctaaactt	aggcagagcc	420
tcctgaatta	cagcttctat	gacccctctt	gagggagttt	cccgattgtg	agaagactca	480
tcctaggatc	agcgagttag	gatttagctg	tcccttatca	tcacaaggcc	caatagaaac	540
ttcctacttt	cccatggagt	ccaaacccca	cttccccctt	tttgcc		586

<210> 1060

<211> 486

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(486)

<223> n = A,T,C or G

```

<400> 1060
ttgaatacaa ggatgtgggt caactatact gttcntaccn ttttaaagaa aaagtggaaat      60
ttttcttcag caagctgtga aactaaatcc acaacccttg gagaccagag aacaccctcc      120
aatctctgtg tgttttgtaa acatcactgg agggctctct acgtgagcaa ttggattgtc      180
atcagccctg cctgttttgc acctgggaag tgccctggtc ttacttgggt ccaaattgtt      240
ggcttttact tttgacccta agcatctgaa gccatgggac acacacggag gcaggggaaca      300
tcaccatcca agtgtccata cctcaatttc tttcagctct tgggtgctgct ggcttttctca      360
cttctgttca ggtgttatcc acgtgaccaa ggaagtgaaa gaagtggcaa cgctgtcctg      420
tggtcacaat ggttctgttg aagagctggc acaaactcgc atctactggc aaaagggaga      480
agaaaa

```

```

<210> 1061
<211> 546
<212> DNA
<213> homo sapiens

```

```

<400> 1061
accaggaca ggaggactcc ttcgagagac cagtccccca tccttgcctt cactcgggtga      60
ggagatctac ctatgacctc aggtcctcag accaaccagc ccaaggaaca tctcaccaat      120
ttcagatcgg atcttctcag cttagcggct gaagactgac gctgcccgat tgattgcctg      180
ggaagcctcc tggaccatca cagacgcctt gggtaactct tacagtggag gacaggaatg      240
tcaggccggc ctctgagccc aagcatgcat gtatacatcc agatggcctg aggcaactga      300
agaaccacaa aagaagtga aatggctagt tcctgcctta actgatgaca ttaccttgtg      360
acattccttc tccgggacag tgagtctccg gagctccccca ctgagcacct tgtgaccccc      420
gcccctgccc gcaagagaac aacccccctt aactgtaatt ttccaccacc taccacaaatc      480
ctaaaaaacg ggccactcc tatctccttt gctgactcct ttttcggact caccaacctg      540
caccca

```

```

<210> 1062
<211> 569
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(569)
<223> n = A,T,C or G

```

```

<400> 1062
accaggaca ggaggactcc ttcgagagac cagtccccca tccttgcctt cactcggnga      60
ggagatctac ctatgacctc aggtcctcag accaaccagc ccaaggaaca tctcaccaat      120
ttcagatcgg atcttctcag cttagcggct gaagactgac gctgcccgat tgattgcctg      180
ggaagcctcc tggaccatca cagacgcctt gggtaactct tacagtggag gacaggaatg      240
tcaggccggc ctctgagccc aagcatgcat gtatacatcc agatggcctg aggcaactga      300
agaaccacga aagaagtga aatggctagt tcctgcctta actgatgaca ttaccttgtg      360
acattccttc tccgggacag tgagtctccg gagctccccca ctgagcacct tgtgaccccc      420
gcccctgccc gcaagagaac aacccccctt aactgtaatt ttccaccacc taccacaaatc      480
ctaaaaaacg ggccactcc tatctccttt tgcttgactc ctttttcgga ctcagccccc      540
ctgcacccan gtgattaaaa aagccccca

```

```

<210> 1063
<211> 386
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

```

```

<400> 1063
gtttccaaga tcaagaaaat agagccctgg cagagtgata cttgaggttc ttgaccccag      60
tgacagatgc cgcnaaggta cactgcttga cctcccctgc ttgacagggt ctatgttgac      120

```

aaggctggnc	tcgaacagct	tgcctcaagt	gatcatccag	cctcagcctc	ccaaaatgct	180
ggactgctta	aattgttgan	cacccctatc	tgaaaatcca	aaatcagaga	tgctgacaaa	240
atcggaaaca	ttctgaatgc	taacatgaca	ccacaagaag	aaaattccac	actgaactca	300
tgtaacagt	gggtctctatg	tttccagttc	ccgagaagat	tcaaagcagt	ntattggatg	360
cctccaatcc	tgctttttcc	tcccct				386

<210> 1064
 <211> 170
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

<400> 1064						
gactgggttt	ttggaaatgt	gggtggataa	ggtgggagtg	agaggggagg	gataagctca	60
tggtgctgc	aaaagcctat	cctgggtttg	nggagcttct	aaaattttct	agatcccttt	120
aaagaaaaat	gacataaaat	agtgaataaa	aatttcagct	caaaaaaaaa		170

<210> 1065
 <211> 481
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(481)
 <223> n = A,T,C or G

<400> 1065						
gtggtgcaga	aagaagtctg	gtcacaactg	gctacagnga	acaagctggg	taccccaagg	60
acatcttacc	agttccagcc	agagatctga	tctacgtaca	cctgcgtcat	gctgagaccc	120
tcaagcctca	ctaaaagggt	ccctgcctag	ttctgtttac	taatctgcct	tattctgttt	180
ttgttcccat	gttaaagata	gagtaaattgc	agtattctcc	acatanagat	atagacttct	240
gaaattctaa	gattagaatt	atttacaaga	agaagtgggg	aatgaagaat	aaaaaattac	300
tggtcctctg	tgagaacatg	aactttcacc	tcggagccca	ccccctccca	tctggaaaac	360
atacttgaga	aaaacattnt	ctggaacaac	ccccnaatgg	tttaaccagg	ccanatgtnt	420
tgccaaacac	aggatatgac	tcttttggtg	agtaaattgg	nggttggtta	acttccccta	480
t						481

<210> 1066
 <211> 403
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(403)
 <223> n = A,T,C or G

<400> 1066						
atattctttc	aacatacttg	ngtactgatg	aaactgctga	ctcagctggg	ctgaaggacc	60
ccactggcac	tggttggtct	gaaggaccct	gctgatcaca	acttgctga	aggaccctac	120
tgacatcagc	tggtgtccaa	aggaccgcca	caagaaactt	gactcaccaa	aaaatgcac	180
ctggatgatt	tcacccccct	taacccccgac	caatcaacaa	cccccaatnt	acaccaagcn	240
cccttttnc	tccatggatn	tcctacaaaa	aactcccanc	cccaaaactt	ccttcaaggg	300
ggaggaatgg	gatttttnaa	nggnccctcc	tccccttntt	aactttggct	ttgggatggc	360
cccttatttt	atttatttta	aaacctcttt	ttgctttcca	aaa		403

<210> 1067
 <211> 555

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(555)
<223> n = A,T,C or G

<400> 1067
ataaccctgc tcggatgttg agagacgaca gcactaagcc cggagcctgc tgaaacagaa 60
gccagagaga ggagagccca gtgggagcgg agtcagacag gatgccaggc cgagctcagc 120
ctccctccct ccccggtgctc ccagctcctg gagaatcctg tttgttttgt gcaatcttnc 180
tgtcatctcc ctagggtctat aanccctat ctctcttgac tggcggctct caccttacct 240
tttacacctc tagagagcag ggccgctccc tctcccttcg atgagcataa acaatccaca 300
ttgcctggcc accgcttgac catggnaaca cacgcacatg cccacccaag ctcccaggta 360
gaaggaggct catacctggc cccagaagca gcagaagcag cagcatcttc cgtgatggcc 420
ccacaccacc ttctctgggg agaggtgnga ccactgtctt cattcaccag cgaggangga 480
tgactgatca cagaatccca aggatgctct agtctggccc ctggtggnaa tctttgctca 540
tgaaccgggg tacat 555

<210> 1068
<211> 113
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 1068
accccggtt cttacctcaa atntgcggaa aacacangnt ggnaacaatt gtggcettca 60
acctcttcat gctngcgtt gnnagtgcag agggcaatcc tgctggacgg ctt 113

<210> 1069
<211> 504
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 1069
actgagttcc ctatttctcg ggagatttcc aggatgagca ccttgaaaaa gcaaaaacaa 60
ttggaaatat tgtttatgaa gatcttgaag ctgatagtga aagaggaaag gattattttt 120
atcattgatg aggcccagtt tgtggattcg acctcctgga gatattatgga gaagcttatc 180
cggactcttc ctatcttcat cattatgtcc ctgtgtccct tcgttaacat tccctgtgca 240
gctgccaggg ccgtaataaa gaacaggaac accacctaca ttgtcattgg tgcagtacag 300
cctaacgaca tctccaacaa gatctgtctt gacctcaatg tgagctgcat ctcaaagaac 360
tggaactccta cctgggggaa ggnagnctgn ggggaattcc ttttactnng aagaattgct 420
taaaaaacttg gaacatcatg aggnactcgg ttttccaaca aacggagtct gaggaaaaga 480
caaatnggac cctgggaata cctg 504

<210> 1070
<211> 274
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(274)

<223> n = A,T,C or G

<400> 1070

ggctcactgc	aacctctgcc	tccctggntc	antnggnntg	ttctacntca	gcctcntgan	60
tacctggagt	tacaggcacc	ggccaccatg	cctggctaata	tttttggtat	tttttantan	120
agacagtgtt	ttaccatgct	ggccgggcta	gtcttgaact	cctgacttna	ggtagagcaa	180
cngannnacg	actaccaaag	ngcnggaatt	ataagcatga	gccaccatgc	ctggccaaaa	240
gtaaatTTTT	aataaaaaatt	tttattggag	atga			274

<210> 1071

<211> 257

<212> DNA

<213> homo sapiens

<400> 1071

ggtctctctc	tgtaaccacg	gctggagttc	agtggcacga	tcataactta	ctgcagccta	60
gacctccacg	cctcaagtga	tcctcctgct	tcagcttccct	gagtagctgg	ggactatagg	120
tgatacctgc	tcccttcacc	ttctgctgtg	agtggaaact	ccctgaagct	ctcaccagaa	180
gcagatgctg	gcaccatgct	tcttgtacag	cttgagggaac	catgagttaa	ataaacctct	240
tttctttata	aaaaaaa					257

<210> 1072

<211> 422

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(422)

<223> n = A,T,C or G

<400> 1072

tttgatattg	tcattctact	gccttctgac	ctccacaata	ggagacactg	atagcagcaa	60
ggggcagaca	aatgcctgtg	caaattggggc	acatccctgg	tgaaatacac	cttcaagcta	120
aaaaacaacc	tgaaggctga	aaggctggac	tcctggctct	ggatgaaacc	cagaccagaa	180
gtgagaactt	ctgtttgtgt	ttgcctgccc	tttcctgatt	gattctttct	gaataatgcc	240
ttttaaccaa	tcaaattgtt	cctttccatt	actacctatg	gcctgcccct	cccctattct	300
aagcccataa	aagcccaga	ctcagccaca	ttgggggtac	tttcctgcct	tttagaagga	360
cnccccctg	gttccttttc	cntggaaagt	tgttttgtca	ctgaataaaa	ctctccactt	420
tg						422

<210> 1073

<211> 426

<212> DNA

<213> homo sapiens

<400> 1073

ttacatgata	actatggggc	agctgaagca	ccctctgtgg	atctgctcca	catgattttc	60
tctctgtgac	cagggtgat	ggagcaacac	tcgtctggaa	tatgctgttc	tcagggcaga	120
ggatggctct	gccaggggag	caacgctttg	ctcagatgag	agtctaaaac	tgctcagaaa	180
atgttctgat	acctttgatt	agtcacaaaag	gtcttttaata	tggaagttgg	aatgggactt	240
accaagcttc	tcagcaacag	tgtgacctaa	atgaccattt	ctttataaaag	gcagatttgg	300
ccaggaggag	cttatggcaa	atcttcccac	agcttttctt	ccactgggtc	aacagcaaag	360
atatttatgt	cactgtgaat	ctctacacct	gtggtcagtg	atttcatgct	gctcatggct	420
catttc						426

<210> 1074

<211> 276

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature


```

<222> (1)...(276)
<223> n = A,T,C or G

<400> 1074
tacaagccag ctgccatggt gtgagcacat accacatnct tncatggaga tgcccatgtg      60
actgtgatga agagctaaga cttcctgtca gtggccgtgt gagtgacca tgttagaaac      120
agatccgccca gcccaaacag aaccttcaga caactgcagc cccagctggc atcttgactg      180
caactcatga gcaattctaa gccaccgaa gctgctcttg aattattgat tcacaaaaac      240
ttttaggtaa taaatgtgtg ttgttttaaa aaaaaa      276

<210> 1075
<211> 352
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 1075
tgccacataa tgtaaacaaat cccggactan cctgctggag gaaaatanac tgtggaacan      60
aattganattc cananggnntn tacaganatg anacaacccc ttctgggggt tngaaaacnn      120
tttgccggnc tttgnggtga ccgcaaacca ggggggncttg ctttntagna cccagggggg      180
cnanaaaatn tngatcctga tgggggcttt tttcttacct ggaacttgag gcnttcttaa      240
tgnncttttt cattgacagg cctggcaggc tggnaaaant tttcttgana aaggggnccc      300
ccnaaggnga agcanttttt gccccaacgg gncctttat ttctgggggg gg      352

<210> 1076
<211> 568
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

<400> 1076
actgaaatga agaaaacgga atgaccacgc atgagtgata caaacgtttt ccttcacccg      60
ggctgggagt ggcggagctc cacattgaac accagagaac cctgcttctt acgggggaaac      120
agtttttctt aacctgctaa ttctgatccg agaagattca agtcaacgtt tccaatcggg      180
gcttccttcc tcttgccctg ggcgaatccg aagttgcac caagcttgag atctcggcca      240
gcggatcggg gaaccgttg accacggagc tgtctcaagg atgaaaggac gcggctcccg      300
agtgatggtt gcagagtcct ctctgttctt ggagaccctt ccagacaggt cggtcttctt      360
cgaagccttc gggatccgga aactgcaccc tctccccgct agcctcgggt ggttcctctg      420
tcactacgac cctgaagtct cagcggcgct tccaagcctg tggctccggg ctcaagaaag      480
tcacacactt gccnttgca gtteccgtcc caagacaact agtggcgctc gggcgcgagc      540
tgnggggttcg cttgaaacaa aaaggacg      568

<210> 1077
<211> 437
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

<400> 1077
ctcctgtgcc tgtctccgag caacacctnc acccctgcac cttcacctgg gctgtcccac      60
ctgcctgaat ggccctcccc actccctgcc agagctctcc tctcctaagc ctgaaggctg      120

```

cagccccggg	atctgccct	cggatgactg	gtgtctcaaa	tgtcagcact	tcactattca	180
gctgggggtg	agacctatta	catgcctcct	tggcgcccag	actcaggaca	gcttcagata	240
gaagcagtcg	aggagcttga	ggccctcngg	cgtcttgacg	tacttgggct	cgcccagcat	300
gccgatgtac	actgtcacct	ggaaagtgg	tcttcttctg	gcacacaaag	gcgtngtcgc	360
ccaccgaaaa	gttgaagccc	ttgtccgcat	ccacgcccgt	angtttcaact	tttatcagtg	420
gtcaagaaaa	aagaaca					437

<210> 1078
 <211> 362
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 1078						
aggagctggt	gagaggtgcc	acttacatac	tccagnacgg	atcacccatt	agnntnantg	60
aganaactct	ggtgccttga	accacatgca	naccggcaaa	tnccggnagn	tgtgctgncc	120
gctccagttg	cgtgcctgat	tggatggttc	ccagcccagc	gttcctgatt	ggataacggt	180
ttaaggcccc	gccccctcgg	gcccctgggtg	acgggagatg	tgatcagatg	ctggactgaa	240
ggaagagtga	cagcctaagc	tgcagccttt	tcagacgggg	cttcctccct	gagctgagtc	300
aggccacccc	cagacagtat	ttgcatttaa	cctttgtgaa	taaaggccat	atcattttatt	360
aa						362

<210> 1079
 <211> 423
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = A,T,C or G

<400> 1079						
gatgccaaaga	aaacacngcg	aggggaagagg	ntntntctctt	ctgnnctnnc	tctgcngtgn	60
tctcccntgc	ctaataaatg	aaactgggnc	tttgccctcac	attatgtaca	aaaatcaact	120
aaaaatagat	taaagacaaa	aacctaaagc	tggagtctac	aaaactatta	gaagaagaaa	180
acacaggggt	aagcttcttg	acattgacct	gggtaatatg	ttttttggac	accgacacta	240
aaagcacaag	caaaaaggca	aaaatagaca	agtggactgc	atcaaaactga	aaagctttctg	300
cccagcnaag	gaaacaaaag	agtgggaaaag	gcccctatgg	gatgagagaa	agtattttgaa	360
aaccatgttt	cttgataaag	ggtaaataaa	tatnccaaat	atntaaggga	ctcatccact	420
cag						423

<210> 1080
 <211> 457
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 1080						
gtcaggcact	tatcaccccg	caoctgtctc	tccaggacat	tccacagccg	tggtcagttc	60
gcctggctcc	cagcaacacc	tctcagcgaa	cataaaagacc	tctagttttc	cagactcccg	120
gagccctggt	ctctacacca	catggacgtt	atccacctcc	tctgtgtcct	cccaaggcag	180
catttcagaa	ggtgatccac	ggcaaagccg	tcccttcaaa	tccgtctttg	tgcccactgc	240
catagtcaac	cccgtgagaa	gcacagccgg	ccctgggact	ttaggacaag	ggtctcttcg	300
gaaagggcgg	agcagcatga	gaaagagtaa	gtggtggcag	aaagatggat	ccctggaaaa	360

```

accccttcag tccgggatcc ccattctngg ggaggctcct taaacgcagc cccaccatgg      420
tccttcggcc tcagcagtnn caattctacc agccaca                                457

<210> 1081
<211> 458
<212> DNA
<213> homo sapiens

<400> 1081
aaacagaaaa gctgatcctc aaattcacac agaatttcaa aggacctgga agaactaaaa      60
caacattgaa aagaagaaca aagttggagg actcacactt cttatatcaa aacttagtat      120
taatccaaag ctacggttat cataacagtg tagtactggc ataaggacag atatatagac      180
caacagaata gaactgagaa tccagaaata aactcgtatc tgtgggtcaac tgattttcaa      240
cctgagtgcc aacaccattt gatgggggaa aaatcatgtc ttcaacaaat ggtattggta      300
caactggata tccacagcag aagaatcaca ctggaccctt acctcacaca atacacaaaa      360
attcctcaaa atgggatcaa caacctaatt aaataactaa aactataaaa ttcttagaac      420
acagagataa gtcttcatga ccttggattt gtcaatgg                                458

<210> 1082
<211> 143
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 1082
gaactgaggt ctttaacgtn ntctgggacc tatgnaaaac ntacangcgc anntgctggg      60
antctgctct nncaaatatg ctgggattac cgncatgagc cactgcacct ggncaactct      120
ttgagatttt ttttttttcc agg                                              143

<210> 1083
<211> 164
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 1083
cccaagctaa gtgatcatat cccctgcgac ctgcacatat atatccagat ggcctgaagc      60
aactgaagaa ccacaaaaga agggaaaata gncnggtntct ggccttaacn ganggcattc      120
caccatgggg atttgttcct gccccaccct taactgacca attg                      164

<210> 1084
<211> 438
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(438)
<223> n = A,T,C or G

<400> 1084
ggacgggggc agagaaattc tagccagaaa agtgtgggtc actgacaaac cgccactctc      60
aagccaaaaa acctgaaacc acaggccaaa gtgagagctt atatacctgt tttcccactt      120
gaatgctgct ttttctcaa ccacccttg ccccgccctg cgccatcctg tgcctattaa      180
aaccacagac tcagctagta catgggacta tggctggacg tgggagaaaa gcagcttgac      240

```

ttcagaagga	cagcttaaca	gcgtaacttc	ggagaagaat	ctggctggag	atgacctgac	300
ttcaggggaa	gtttgcagat	gtggatcctg	actcctgcaa	gaagtaactt	aaccngaca	360
aactaccntt	tgccctttatt	gatttgcaaa	tcaaagaagg	gggacatgtt	gggagcaggc	420
cccccgaaac	tgcccata					438

<210> 1085
 <211> 460
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 1085						
accaggaca	ggaggactcc	ttcgagagac	cagtccccca	tccttgccct	cactcgggtga	60
gaagatctac	ctatgacctc	aggtcctcag	accaaccagc	ccaaggaaca	tctcaccaat	120
ttcagatcgg	atcttctcag	cttagcgggt	gaagactgac	gctgcccgat	tgattgcctg	180
ggaagcctcc	tggaacctca	cagacgcctt	gggtaactct	tacagtggag	gacaggaatg	240
tcaggccggc	ctctgagccc	aagcatgcat	gtatacatcc	agatggcctg	aggcaactga	300
agaaccacaa	aagaagtga	aatggctagt	tcctgcctta	actgatgaca	ttacctggg	360
gacanttcnt	tttccgggac	aagtgaagtn	tccggaagct	ccccattgag	caccttgga	420
cccccgcccc	tgcccgcaag	aaaacaaccc	cctttactgt			460

<210> 1086
 <211> 284
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(284)
 <223> n = A,T,C or G

<400> 1086						
tttttcctga	agaaaaatga	tananaacna	atcaaacctg	tggtgtngga	caggattctg	60
gagccctata	tgattgagng	ctgattcaca	tactcaaaga	anggttntgg	cgtggaacag	120
ctaggaggac	cnaatgtgaa	ttntcgcnaa	actatctctt	ngngggcgtc	ttacaccact	180
aannacnttn	nnaataacttc	cnttactgtn	acntatcttt	tcgttctnct	acctttctta	240
ttnatTTTTga	cctaacancn	atTTTTattaa	gaagaaacga	aatg		284

<210> 1087
 <211> 414
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

<400> 1087						
gttcttgccc	tgtcaccgaa	taatgcagtg	gttatcaaag	ctcataacag	cctcaaactc	60
ctggggtcaa	gcaatcctcc	accacatcct	cctgagtatc	tgggactaca	gagatggagt	120
ctcattatgt	taccagagtt	ggtaactcaa	acttctgagc	tcaagagatt	atccctcctc	180
agcctctcaa	agngctggga	ttacaaacgt	gagccaccac	atgcagacct	ttgtccattt	240
taaaatcagg	ttatatattt	tcttgctatt	gagttgnatg	aagttcatta	taaatctaag	300
tgnattaact	ccctattgga	tacatgggtt	gcnaaatTTT	cccaatttgg	gttttttttt	360
tttttttncc	cctttngggg	aagggttttt	ttgnnggggg	ggaaccttct	aaaa	414

<210> 1088
 <211> 363

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 1088
tgccgaagac ccagaacagg gggactcctt caggagactg gtcccctgtc ctgcgccttca 60
ctccatgagg aggtccacct atgacctcag gtccctcagac caaccagccc aaggaacatc 120
tcacccattt caaattggac aggaaatgtc agacctctga gcccaagcct gcaagtatac 180
atccagatgg cctgaagcaa ctgaagaacc acaaaagaag tgaaaatagc cagttcctgc 240
cttaactgat gacattccac cattgtgatt tgttcctgcc ccaccttaac tgatccatta 300
accttgngac attccttctc ctaaacaatg agtctcaaaa cctccccact gggcacctta 360
aaa 363

<210> 1089
<211> 451
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G

<400> 1089
tatgttgaca tttgagaaaa gcaccataaa ataaacagcc ctgttgaggt aaacacacgc 60
tgtcttctgg aatgttaaac tgttggaag gataacttaa agttgacct aaaacagcct 120
caggcgggta cttcagaagg tattccagaa gaaggcattg agctatcaca ggaaatgata 180
gcttcgtgtg tcattgctcc tgaagacctt ccagtggaca agacgtggag gaggaagata 240
gtgacattaa tgattctgac cttgtgcggg actaggctaa tgtgtttgtg tcttggtttt 300
taacaaaaaa gttttaaaaa taagtatacc agattaaaaac attttaaaaa taggaaaaaa 360
agctttttaga ataaggattt aaaggaaaaat atttttgtat agctgngtaa ttgggtgttt 420
taagctgngt tattacaaaa gaatcaaaaa g 451

<210> 1090
<211> 457
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 1090
accaggaca gggaggactc cttcgagaga ccagtcccc atccttgccc tcaactcgng 60
aggagatcta cctatgacct caggctcctca gaccaaccag cccaaggaac atctcaccaa 120
tttcagatcg gatcttctca gcttanccggc tgaagactga cgctgccga ttgattgcct 180
gggaagcctc ctggaccatc acagacgcct tgggtaactc ttacagngga ggacaggaat 240
gtcaggccgg nctctgagcc caagcatgca tgtatacatc cagatggcct gaggcaactg 300
aagaaccaca aaagaagtga aaatggctag ttccctgcctt aactgatgac attacctgn 360
gacattcttc tncgggacag ngaagtcttc cggaagctnc ccactgagca ccttgtgacc 420
cccgcctgc ccgcaagaaa acaacccctt ttaactg 457

<210> 1091
<211> 447
<212> DNA
<213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(447)
 <223> n = A,T,C or G

<400> 1091
 tgccgaagac ccagaacagg gggactcctt caggagactg gtcccctgtc ctcgccttca 60
 ctccatgagg aggtccacct atgacctcag gtcctcagac caaccagccc aaggaacatc 120
 tcacccattt caaattggac aggaaatgtc agacctctga gcccaagcct gcaagtatac 180
 atccagatgg cctgaagcaa ctgaagaacc acaaaagaag tgaaaaatagc cagttcctgc 240
 cttaactgat gacattccac cattgngatt tgttcctgcc ccaccttaac tgatcaatta 300
 accttgnagc attccttntt ctanacaatg agtctcaaaa cctccccact gagcaccttg 360
 naacccttgg ccctggctgn aaganaaaaa cccactttga ctggaatttt tcactactac 420
 cccaatttat aaaactgccc accccat 447

<210> 1092
 <211> 386
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 1092
 gactggctcc aggattatgg aatctgagaa gcctcatgac ctactgtctg tctgtaaatt 60
 ggaaaaccag gaaagctgtt ggtgtcattht aggccaaagtc tgaaggccca aggaccagaa 120
 cccaattttc caagggcagg agaagggtga tgttccctct caaaaagaga gcatgctgag 180
 tgcggnntta aacaggaggt tcagcacaga cctcaaattg taacagaaaa cagaaagcaa 240
 catctcctgg ttcataagacc ctggagaaaa atatttgaga tacatgaatg ccacttgact 300
 caaagaaaac agaaatggca ttgacgtgaa agctgcaggt gctgaaagggt ttttagtttg 360
 ccttgagcaa gggttaaata agtaga 386

<210> 1093
 <211> 151
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(151)
 <223> n = A,T,C or G

<400> 1093
 aagcgagctg gatggcaagg ccngtgcgac agataatgcc tgaggaaatg ttccttgagn 60
 cncctggggn ganagctttc tttnaggatt cntgnccgga aaaatcntga nttcttgcca 120
 cgtttttttt tcctttggaa acaaaagaca c 151

<210> 1094
 <211> 510
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

<400> 1094
 tctggggagc tcctgngttg agctcctgct taannccaac tgaggatatat taccttctta 60
 tatgaatgac agaagaaaca atgaaattga aggaaaggaa natgaacgct aanatgtggg 120
 gaccagtga acaggggtgt gcagtagcgg agagagattg gactcaaatt cctgttggtt 180
 aaactacaac agtagcagtg ctgacctcga ctcacagcaa cctctgcctc cagggttcaa 240

gtgattcttc	tgcctcagcc	tcccgagtag	ctgggactac	agggtgtcagg	cctctgagcc	300
caagctaagc	catcatatcc	cctgtgatct	gcacctacac	atccagatgg	cctgaagtaa	360
gtgaagatcc	acaaaagaag	tgaaaatagc	cttaactgat	ggcattccac	cattgtgatt	420
tgtttctgcc	tcaccctaac	tgatcaatgg	acttttgaat	ctccccgcacc	ctttaanaag	480
gntcttttga	attcttcccc	ccccctttga				510

<210> 1095
 <211> 172
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 1095						
gtcatggaga	attcattaaa	tgccttttaa	tagtaatgag	atgggattag	agttcttgaa	60
atttcaatct	ggtgtgnttg	ggggaaaatg	ggcctgggaa	ncaagggaaa	gtggaagaaa	120
nctctggtaa	gaatttgngg	tgaaggagta	cctcctggca	actatgggaa	ct	172

<210> 1096
 <211> 381
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 1096						
cccaagctaa	gtgatcatat	cccctgcgac	ctgcacatat	atatccagat	ggcctgaagc	60
aactgaagaa	ccacaaaaga	agtgaataa	gccagtccct	gccttaactg	atggcattcc	120
accactgtga	ttgtttcctg	cccaccctaa	ctgaccaatt	gaccttgtga	cattccttct	180
ncgggcaatg	aatctcanga	gcttcccacc	aagcatcttg	tgaccccaact	tctgccacaa	240
gaaaacaacc	ccctttaact	gnaattttcc	ctacctaccc	aatcctataa	actgnnccan	300
cccatctttt	tccttggtga	ctccttttna	aatcgccccc	tacccccagg	gattaaaaac	360
tttntgggtca	aaaaaaaaagg	c				381

<210> 1097
 <211> 579
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

<400> 1097						
tcccttgtag	agaaacacca	agagctcact	ggtgatgcta	ccccattgcc	tccatttggg	60
agctgccgca	gaacctggag	agccaccacc	cagaccgtag	tcaacaaaca	aacaagactc	120
ctcccctgat	gaggaccaca	ggcagcacc	acgggacagg	gtagcccaca	tggatgtggc	180
tccccagtgt	ccctgggctc	anctcagggc	ttggcacact	ttgcatctgc	ttttcacaat	240
tgctcatca	ctccctttct	atggattcag	aagggacagc	tcacgcctta	agccagacct	300
tgaaacccga	gctttcagaa	ggaaaggaag	gacgactctc	gtgcccttct	gcctccaccg	360
ngggatgata	tagcaagaag	acccccacca	gatgcaacct	cttgaacctg	gacttcccac	420
ctccagacta	tgagccaaat	gaatttcttt	tctttataaa	ttactcaate	tcgggtattc	480
tggtggagta	acacaaaact	aaaacactgg	ccagtatacc	agctacatgt	gactatcaaa	540
gccccctgga	atatggatag	gctgaaatga	aaccgtgct			579

<210> 1098

<211> 406
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 1098
 atggattcaa aacaataaca acaacaaaag tgccctcctg aattttaattg tcaagaccag 60
 tcccaagtct cctctgtcca cagcatcact gcttttgcca ccatgtgaga gcctgacgcc 120
 atgcgaggag aggagggaca tttggcctgg gcgtgatgga atggcctcca ctcccttcga 180
 gtcatactct ggctcggcac tgttcaatga ctgaatgacc aggactgatc taacgtgatc 240
 ttagaaggac atcaccgaat cctgaggatt aaacaaacca caggaaaata ccaactgttt 300
 tcctcaaaat agtgaanggt tacaactact gggcagangg ggtggtcaca agaatgcaac 360
 atcctaagct ctgcagggtca actgaaatag aaagcccagt ggccgc 406

<210> 1099
 <211> 123
 <212> DNA
 <213> homo sapiens

<400> 1099
 aaaataaaag aagactatca aagaagagaa gatcaacccat cccatcatgg acaagagaat 60
 gcacttcaca taagctataa aaggaataat aaaagaaaat tcactctgtca ccaggaaaaa 120
 aaa 123

<210> 1100
 <211> 297
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 1100
 aaggcccgga aggttggaat atgccctaga tgctggagca ngcngagggtg cgaacgcggc 60
 ggcaggaagt ttctcgacac ctnagcttct tgagtagccg ggactacagg catatgctac 120
 cagccctggc taatatattgt attttttgta gagacgaggc ttcaccatgt taccagggct 180
 gatctcaaac tcctgagctc aagcaatcct cccaccttg cctcccaaag tgctgggatt 240
 acaggggatga gccactacag ccagtcaata aaattacttt taaaagccaa aaaaaaa 297

<210> 1101
 <211> 137
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(137)
 <223> n = A,T,C or G

<400> 1101
 tcaccacact gggtccttgg atgatgaaag agtcctccnt gcngnaccac aatnaaaatg 60
 tngttgtgaa tgacaaaaac atcctgtctg gttgcaatgt tttgctccca naagagaatc 120
 anatcatcat gtgggga 137

<210> 1102
 <211> 338
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(338)

<223> n = A,T,C or G

<400> 1102

tctccttcca	aagaactggg	nttacnagt	gnanncaeng	nanccntctn	anatacttgt	60
tnnaacttna	tccttangga	gcagttttta	gagatggggc	cttttaggtca	tgagggtctt	120
gctctatgaa	tggattagt	tcttataaaa	gggcttgagg	gggccagttc	ccccctcttc	180
agtcccatat	gccatgtgaa	gacacagttc	atgggtgccat	cttggaagca	gagagcaacc	240
cttaacagac	actgaacaaa	gcccgtgcct	tgatcttttg	actttacaac	ggnccaaaca	300
agggagaaat	aaatttctgg	tggtttacaa	attaaaaa			338

<210> 1103

<211> 117

<212> DNA

<213> homo sapiens

<400> 1103

acatcttgga	atctacacta	ttgatattcc	aacatgcaag	ttattatcat	gactaacaca	60
gacagaatta	cctgctgcta	cattccagat	actgttcgaa	gcactgaaga	aaaagaa	117

<210> 1104

<211> 514

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(514)

<223> n = A,T,C or G

<400> 1104

gtatcttgca	ccaagaagt	gaaaataaag	aagagaaatg	agaaccatgt	ttgtattggc	60
tgtctataaa	ataagagaat	gaattccagc	agaccccgca	ctttttggca	ccagggacca	120
gtttcgtgga	agacaaaact	tgtgaggcat	ggtttcagga	tgaaaactgt	ctgtctcaga	180
tcatcaggca	ttagttagct	tctcataagg	agcttgcagc	gtagatcctc	gcattgtgcaa	240
gttcacagta	gggtccgcgc	tcctgtgaga	atctgatgca	gccactgata	tgacaggagg	300
cggagctcaa	gccgtcatac	tgtcctgccc	gctgcttacc	tcctgctgtg	cggcctgggtc	360
ctaacaggtc	atggactaat	accgcagtg	ctcaagggtt	ggggaccant	gaattataaa	420
tttgagaact	ctcctgataa	ttcaagaaaa	caacttgctt	ttgagttacc	tatcaaaata	480
aattttattc	anatgattgc	tttgatataa	aaaa			514

<210> 1105

<211> 500

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(500)

<223> n = A,T,C or G

<400> 1105

gacatgcccc	cggaacagcc	ctcagacctg	tctctgtcta	cacacactcc	ctgctcttca	60
gacaacagac	ttccagaaac	cactagcagc	cacgaagtgt	ggtacagaat	ccaggtcctg	120
cctgaacccc	aaccctacta	acctgactct	gctctctcat	ctgcaaaatg	aaagccacac	180
agcatctccc	tggcagggct	gttggtgaaa	gctggtgaca	gcctggcatg	tcacggcatc	240
aatgagtgtt	ggttgctgtc	atccctggca	ccaagttgcc	atgggaggca	gtggccagag	300
gcgtctgagc	tgaccttgga	gaacgacaag	atttcctgat	atgtagggaa	ggtcggagggt	360
ggggctcaac	ctttccccc	ccagctctac	gtggcaacag	gtgggaggca	acaagcatgc	420

gctgggcttt gctgttcaca caggggtgcac ctgctttcca ctcgaaacac cctnatgtgg 480
 nggggcaagt gaaaattggc 500

<210> 1106
 <211> 138
 <212> DNA
 <213> homo sapiens

<400> 1106
 gtttccttta cctagtcac ctgctgcacc tcctgaacat cttaaagaac ctttggtata 60
 catgaggaaa gcacagggac atggatgaaa ctggaaacca tcattctcag caaactatcg 120
 caaggacaaa aaaaaacca 138

<210> 1107
 <211> 481
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(481)
 <223> n = A,T,C or G

<400> 1107
 caagcgatcc tgccacccca gccttctgag tagctgggac tacnaggtgc gcaccaccac 60
 acccagctaa tttttgtgtt ttagannaaga caggggttcn ccacgntggn caagntggcc 120
 tcgaactcct tacctnaaga gatctgcctg cctcgtgctc ccaaagtnct gnnattacac 180
 tgngtgagtc actgcaccnn gcctcntatg tgtgaannc taatncctgn ggggtagtn 240
 attaggaggn ggagcctttn ggaggatgat taagncntga gggaanatnc ctcntganng 300
 atantnatgc tgttgatgaag aacactcaag agagatactt tgctccttnt ccatgtgaca 360
 tcctagaaga cnggactgtt tatgaaccgg tgagtcaccc ttncagaanc naannttctg 420
 ngacctngnt gntggactta ccccccccta aattggggca ataaattttc ggggcttacc 480
 c 481

<210> 1108
 <211> 272
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 1108
 atgcgctgaa gggatctgac ctgagagcan gcttcaaact catagaatgg aggacctgnc 60
 ccggangtgg ctgctnnang ctgcagagna ctatgatnct gnggncaatn gcgggtggntc 120
 acgcctgtaa tcccaggett ctgggagggc gaggcggcg natcncttna tgtcagaatn 180
 ntctgacact agcttggnt catggtataa caccgtctct acaaaaaaat gcananatta 240
 ttnttntctc gtggcatcgc gcctgtggcc ca 272

<210> 1109
 <211> 298
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 1109
 gtcgcaggct ggaaggttgg aatatgccct agatgctgga gcagcgaggt gcgaacgcgg 60

cggcaggaag	tttctcgaca	cctcagcttc	ttgagtagcc	gggactacag	gcatatgcta	120
ccacgcengg	ctaataatttg	tattttttgt	agagacgagg	cttcaccatg	ttaccagggc	180
tgatctcaaa	ctcctgagct	caagcaatcc	tcccaccttg	gcctcccaaa	gtgctgggat	240
tacagggatg	agccactaca	gccagtcaat	aaaattactt	ttaaaagcca	aaaaaaaa	298

<210> 1110
 <211> 448
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(448)
 <223> n = A,T,C or G

<400> 1110						
tggtctacca	gggaagtgga	ctcagtggat	tgtaactcan	agctccagag	gtgactcagc	60
agtcgcagag	agtgatgcat	aaggaaagta	gctgctatga	accttcacaa	acctagagga	120
gacttccaag	ggcatctgcc	aagttagtaa	gaaaaccaa	tctgattttc	cccagagggg	180
aagcaaactt	ccagattgtg	tgtagaccaa	tagagaggcc	catgtcgcaa	agaagtaatt	240
tttctggcga	acatccagca	aggacctgaa	gcctccaaca	gcaacgtgag	tgagtcacat	300
gagtggattc	tgtccagtt	gagcctggag	atgattgcag	cccaaccttt	ctcatagggt	360
agcccaagtc	acccagcaaa	accaagcttg	gattcctgac	ccacagaaat	tgngagataa	420
taaatatttt	ttatttcaaa	ccaaaaaa				448

<210> 1111
 <211> 490
 <212> DNA
 <213> homo sapiens

<400> 1111						
gctctacagg	aagcatagcg	ccagcatctc	acaatcatga	cagaagatga	agagggagca	60
ggagcaagag	agagacactc	tctacagtgc	aagttcatct	aacctgtgc	ttagaagctc	120
cagagtggag	ctctcactca	cctggagggt	gcctcaagag	atgacagtca	atctacaatg	180
caaaatatgc	ctgctgtgaa	attatttcoct	acttggagag	tttcagccac	ctttacaacc	240
tagttctgcc	cacaaggaca	ccaatggtca	ccagcttgat	cacctggtag	atagggcact	300
aaagcaagtt	ttgtggatcc	tcacctgatg	cttcgtctgc	tgcttgtcat	tcattgctaca	360
ccccctttta	aaagtgcctg	ctttctgctc	caaaagcaaa	gtgttaccct	taaggcagga	420
agcctgtact	tcttccccct	aagctagttt	tggaataaaa	atgtcacttt	ctttatacca	480
gcaaaaaaaaa						490

<210> 1112
 <211> 135
 <212> DNA
 <213> homo sapiens

<400> 1112						
gctctcgtgc	ccttctgccc	tccaccgtgg	gatgatatag	caagaagacc	cccaccagat	60
gcaacccttt	gaacctggac	ttcccagcct	ccagaactat	gagaaatgaa	tttcttttct	120
ttataaatta	aaaaa					135

<210> 1113
 <211> 480
 <212> DNA
 <213> homo sapiens

<400> 1113						
gtcatagaga	caaacctaca	tctgttctct	taagaggaag	tgattcggag	aaactgagag	60
cattgaatgt	gcaggttctt	tcagcagaga	ccacgcagag	gctgcctttg	gatcaagtcc	120
aggaagtgt	ttccccaatt	ccagaactat	aagttacttc	cacagtgcac	cagttagatc	180
aatatacacg	aatatccccg	ggcaagttgg	gccgagccct	ttgaagaata	ctcagaagtt	240
tattttgtga	atgagtagac	tggaaaatgt	ttgtgtccag	ctgaggatgc	acagttggaa	300
agcaggagga	atgctgactg	gttgatgaaa	actagcttaa	gagcattcat	tcgctccatg	360

agatcaaggg	aacaagagtg	tttgcaagaa	gccattatga	gtcatggaaa	aaaaagatga	420
tgaaacccat	ggaaacagca	agagaattcc	cactctctct	cttcttaaaa	aaaatctatc	480

<210> 1114
 <211> 360
 <212> DNA
 <213> homo sapiens

<400> 1114						60
actgagacta	tggctgctgg	caccacctcc	tctgctgcag	gttttcaaaa	gtagctgcac	120
cttgagagat	ggagtctccc	tctgtcatgc	aggctggagt	gcaatggcat	gatctcagct	180
cactgcaacc	tccgcctcct	gggttcaagc	gatactcctg	cctcagcctc	ccgagtagct	240
gggattatag	gcacctgcca	ccatgctcag	ctaatttttg	tatttttact	agagatgggg	300
tttcaccatg	ttggccaggc	tggctctcaa	ctcctgactt	ccagtgatac	ctccacctcg	360
tcctcccaaa	gtgctgggat	tacaggctga	tttttaatat	ttataataaa	tgattttggg	

<210> 1115
 <211> 266
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 1115						60
gaataactgaa	tatcatcccc	aggnttttca	catcaaagga	cccagtggag	gcctcatcct	120
gtcaaaaatga	caaattaaaa	tgaatccgaa	aantttctgt	ctagcaacaa	ctatngcgat	180
ttggncgatg	nnggccgttt	tctnnngcat	angcnacgaa	aattttgncc	gnagggnggt	240
ttnttgcctt	ccttcaaaaa	cgggagcaac	atgaaagtta	aatcctctcg	cttttggagg	266
atccctanaa	gtcaaccctg	cttttt				

<210> 1116
 <211> 416
 <212> DNA
 <213> homo sapiens

<400> 1116						60
ttcctttatc	aataggcaca	agctgcttaa	agaaaccaga	tggctcgaga	tggcaccaga	120
gcttcttgac	ccctgaccag	ataccagagg	aagacctcgc	aaaaccagca	caaactggaa	180
taggtgactc	ctatttgcat	ttagatcatc	agcatatcct	tacaatgcta	aaactccctc	240
ccctgaagga	aaatccctgc	catttcatgc	acataataata	tatgaaggca	tatgttcatg	300
gatagcacct	tcacgtctgg	agtcccatcc	catacatgct	cacattcctt	tcccgcccca	360
cacctagtcc	ccctatgcct	tctactgctt	gggggagaaa	gtacatttag	cacaagagct	416
caccttctcc	gttttctggc	cagggaataa	aacccgattg	ccttttcaaa	aaaaaa	

<210> 1117
 <211> 454
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(454)
 <223> n = A,T,C or G

<400> 1117						60
gtattaaagc	acgttggttct	caatgttggc	ctcaaagtgg	aatcacctgg	ggagttttga	120
aagctcctac	ttccttgaaa	ccctaatttt	agagacttga	tctaacttgt	ctgagataag	180
caaggcaagg	tacctctata	gcagggtgcg	cccttacaga	tggagggaatg	gtgagcacac	240
acttgacaaa	gggaggggaa	gggtttctta	tccttgacgc	acgtggcccc	tgctgctata	300
ttgttccctt	attggctagg	gttagactgc	acaggctaag	ctaattccga	ttggctaatt	

taaaaaaaag	tgaggggggtg	agtgggtttg	tgggaaaaat	ggntattnan	aggntgaatt	360
caggggggac	caggtaatcg	gaatgaagtc	anggggtggga	gcatgtaatc	gaaaaagggt	420
gctttaccag	gaagttaagt	ttaaaaccag	aagg			454

<210> 1118
 <211> 425
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 1118						
aatcaagaaa	acaattcaat	aagaatccat	tttccttggt	aacaggacac	aattgaaaac	60
actgggtatt	taaccaaagc	ttcatctgaa	atggcatant	ttacggatat	gacgagactg	120
ctttgaggaa	tttaagcgga	ccttataaag	ttgatnaaga	gccccttaga	aagactggcc	180
tactcctcat	ctacttggtt	ccttaggagc	ctaggaacct	caagatatatt	ggggacctca	240
agaagagagn	aattcactca	ctttatgcc	tattacacgc	atagcctatg	gnggaatatt	300
tgntttggtt	tcccggcctt	aaaagggttn	tanaagccna	atttganatt	ctttttggaa	360
aacattccag	caaaggcaac	ttaaaanaac	ctttttgacc	cttcattatt	tttggttatg	420
cctaaa						425

<210> 1119
 <211> 317
 <212> DNA
 <213> homo sapiens

<400> 1119						
gaacccagct	gctgcgacat	gagaactcaa	gcttocctat	gggaaggtct	gcatagttag	60
gaacagaggc	ctccagccaa	cagccacgtg	cgtgagcctg	ctcagaagca	tgttatccaa	120
ctccagtc	gcttttaggt	gcctacagcc	cagaacaaca	tcttgactgc	atcttactat	180
tcacaagagg	ccctgagcca	gaaccatcca	tccaaactgc	tgtaggattg	ctgacctcag	240
aaaccgtgag	ctaagaaatg	tccattattt	ttctagctgg	cccttgagac	aatattttat	300
tttaataaat	agaaaaa					317

<210> 1120
 <211> 348
 <212> DNA
 <213> homo sapiens

<400> 1120						
cttttactct	gttctaggcc	ctggaaatac	aaagaagatg	gacacagaca	ctggtggaca	60
agggggcact	tcctggcctt	ctgaagcttt	gggtctgagg	gaggacacag	gcaggctcac	120
cacgagattc	agtatcctgt	gaagccttct	cctaataacc	ccaggcagaa	ctcactgcta	180
ccagcacctg	gcaggtccc	tttgtgtgga	ttatgtgtgc	acacacgtgc	acgtgatgtg	240
tttaciaaact	agatgtgggc	cgttttgata	cctccaagct	aggattatgt	taacactgtc	300
tgagtaatat	aatcatcac	ggattaaaaa	cagcttgcat	tttgcttt		348

<210> 1121
 <211> 361
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 1121						
gtcaaggcct	ctgagcccaa	gccaagccat	cgcntcccct	gtgacttgca	cgtatacgcc	60
cagaaggcct	gaagtaactg	aagaatcaca	aaagaagtga	ctatgccctg	cccaccttaa	120

ctgatgacat	tccaccacaa	aagaagtgca	aatggccggc	ccttgcttaa	ctgatgacat	180
taccttgtga	aagtcctttt	cctgggtatc	ctggctcaaa	aagcaccccc	accgagcacc	240
ttgcaacccc	cacttctgcc	ggcagaaaac	aaaccccctt	tggactggga	atcttncctt	300
taccctaccc	aaaatcctat	aaaaacnggc	ccccaaactt	aattttccct	tggggtgact	360
t						361

<210> 1122
 <211> 462
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 1122						60
accgggttta	ccatcttggc	caggatggtc	tcgatctcct	aaccttgtga	tccgaccgcc	120
tcagcctccc	aaagtgctag	aattatagac	gtgagccacc	acgcccggcc	aacaactatc	180
tttattggaa	tgtggagcag	ggccccactc	tggtgccag	gctggagtgc	agtggcgcaa	240
tctcgctcg	ctgcaacctc	tgctcccag	ggccaagcaa	tctttccacc	ccagcctccc	300
aagtagctgg	aactacagta	gacacaggtt	ttcaccatgt	tgccctaagct	ggctctgaac	360
tcctgacctc	aaagtgattc	acctggcttg	ggcttcccaa	agtgggttgg	atacaggcat	420
gagccaccac	gcccgggcct	naccaggaat	tatatgtcaa	tggaagttaa	agaatgtatc	480
atcgactcca	gtggatctaa	aacaggatgg	agtctcacag	cc		

<210> 1123
 <211> 480
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(480)
 <223> n = A,T,C or G

<400> 1123						60
cctgcctgca	cccaggtgaa	atatacatgc	cttggttgctc	acacaaagcc	tggttggtgga	120
ctctcttcac	acggaccgcg	gtgacattng	gngccgaaga	cccgggacag	gaggactcct	180
tcnggagacc	ggtncctctgt	cctngccctc	actccctagg	gagatccacc	tacgacctca	240
ggttctcagn	ncaaccagcc	caaggaacat	ntnaccaatt	tcaaantntgg	accnactgg	300
naatnagact	gtncaccccc	acagncactc	ccagagcccn	tggaactctg	gcccagggt	360
ctctgactga	ctccctccca	aatcttntcg	gcttaacagc	tnaagaacgg	gccacntgcc	420
tgatngcctn	ggaagactat	aggaccatca	cagatgcttt	gogtaactct	tacagtggag	480
gacaggaatg	tcaggcctct	gagcccaagc	taagccatta	tatccctgt	gacttgacct	

<210> 1124
 <211> 448
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(448)
 <223> n = A,T,C or G

<400> 1124						60
aatcaagaaa	acaattcaat	aagaatccat	tttccttggc	aacaggacac	aattgaaaac	120
actggttatt	taaccaaagc	ttcatctgaa	atggcatatt	ttacggatat	gacgagactg	180
cttttaggaa	tttaagtggg	ccttataaag	ttgataaaga	gccccttaga	aagactggcc	240
tagtacctca	tctacttggg	tccttagga	gcctaggaac	ctcaagatat	ttggggacct	300
caagaagaga	gaaattcact	caatttatgc	acatattaca	ggcatagtct	aatgggtgaat	360
cattggcttt	gggttcccc	gcttaaaaag	gctttaaaaa	gccgaatttg	anatctttat	

gaaaacattc cagcaaagtc aacttaaaag accctatatg accattcatt attcttggtt 420
 atgcaataa tcaggccaag taaaatac 448

<210> 1125
 <211> 202
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 1125
 aagagtgtct ggcatactat atgctaatac aacaggactg tggncctata anaagaggaa 60
 gactctctct ccaccatgag aagacacaat gagaaggctg ccactcgcaa gccaaagaagg 120
 agagccctcg cctgngagggt cagccatgct ggcaccctga tctcanactt ccggcctcca 180
 gagttggaag aaaataaacc gt 202

<210> 1126
 <211> 437
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 1126
 gcagctgcaa tatttaattc agccttttga agtttttttg gcatcggtat aacacccctg 60
 ctctctgtgc tttttcttgg ttcactctct tctgtgcctt tcacatctat tttttctcag 120
 ctttttatga ctgttggtgt tcctctcatc attggacaga ttgtccgaag atacatcaag 180
 gattggcttg agagaaagaa gcctcctttt ggtgctatca gcagcagtgt actcctcatg 240
 atcatctaca caacattctg tgacacgttc tctaaccctaa atattgacct ggataaattc 300
 agccttggtc tcatactggc ataataattt ctatccagct gagttttatg cttttaactt 360
 tcactctttc aacaanggaa taattcgggg tttcacacca accanancct agggggnttt 420
 nttttttttg gtttttac 437

<210> 1127
 <211> 219
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 1127
 tactggaacc catactggag gctacctgcc tnaaangcng tatcattgaa ttgccaccca 60
 natctttgna ccataatnng actggctggn annatttggc accaggaaca gtgngtgggc 120
 tcatnctggc tgccctcggc gangatgtga tacaagcggg tgtgatcgna aggaagcaca 180
 cntngccctt ctttttcgtc atgctgataa agaggcaac 219

<210> 1128
 <211> 355
 <212> DNA
 <213> homo sapiens

<400> 1128
 gtgtctttgt cttctaagat tgcctctgca tgaacctcct ggtggctctg ctcccttgact 60
 accagccaca tttttgatgt aaatgttggg gctgggtcact cttcgggtct gtgctgcctt 120

tatgagctgt	aacactcacc	acaaaggtct	gcagcttcac	tcctgaagtc	agcgagagca	180
tgaagccacc	gggaggaaag	aacaactctg	gagcgccaac	tttatgaact	gtaacactca	240
acgcaaaggt	ctgcagcttc	actcctgacg	tctgtagacc	atgaaccac	cagaaggaag	300
caagtctgga	gatgtccgaa	catcaagaag	gaacaaactc	aataactgct	tagac	355
<210> 1129						
<211> 356						
<212> DNA						
<213> homo sapiens						
<400> 1129						
tctcaccctg	tcacccacac	tggagtgcaa	tgggtgtgatc	tcggctcact	gcaacctctg	60
actcccgggt	tcaagcgatt	ctcctgcctc	agcctcctga	gtagctgcaa	ttacagggac	120
gggggcagag	aaattctagc	cagaaaaggt	gggtcactga	caaaccgcca	ctctcaagcc	180
aaaaaacctg	aaaccacag	ccaaagttag	acttatatac	ctgttttccc	acttgaatgc	240
tgctttttcc	tcaaccaccc	ctggccccgc	cctgcgccat	cctgtgccta	ttaaaacccc	300
agactcaagc	tagtacatgg	gactatggct	ggacgtggga	aaacactgct	caaaac	356
<210> 1130						
<211> 603						
<212> DNA						
<213> homo sapiens						
<220>						
<221> misc_feature						
<222> (1)...(603)						
<223> n = A,T,C or G						
<400> 1130						
ggaactgagg	tgtctgtgcn	gtgcanaaac	tgtacaactg	tatacagtga	ccattttctac	60
tctgggtctc	taaacaaggg	ctgggtatcgt	tacagagact	gaagactgag	gaagaccatc	120
tctgtaggat	gccaaggatt	gactggagaa	agtctggagg	gagtctcgct	gtgtcgccca	180
ggctggagta	caatgggtgca	atctcgggtgc	tctgcaacct	ccccctccc	agttgaagca	240
tttctccac	ctcagcctcc	aaagttagctg	gaattacagg	catgcaccac	catgcctggc	300
taatttttgt	attttttag	agatgacgtt	tcaccatgtt	ggtcaggctg	gtcttaaaact	360
cctgaccta	ggtgatccgc	tgctcggcc	tcccaaaagg	cacactttca	atctggctcc	420
tgccacatc	tacctaacat	tcctagtgn	agccatagtg	aatcactgat	agctgntccc	480
aaccactga	gctttttctc	tgcangcctg	catcaccnt	tctgcccttt	ccctgacacc	540
cctcaangng	ctaactgn	cttcntntta	ncttcttcca	cgaaggctgg	ccttaacttc	600
tct						603
<210> 1131						
<211> 261						
<212> DNA						
<213> homo sapiens						
<220>						
<221> misc_feature						
<222> (1)...(261)						
<223> n = A,T,C or G						
<400> 1131						
aagggtgaat	tttagggcan	atgatggcgg	cttgactgaa	cagagtgtgn	cccagntctc	60
tctncattaa	acataanacg	gctagtttgc	cntctcaggc	tcctgggcta	actcctcgng	120
ctgtgnngga	cctaccnata	tacacnnnaa	cataancnnn	ttgtggagtc	ccaggtttct	180
tcanntctgc	caagggaan	attaatttnt	ccttttntaa	annntaanct	atgcaaacia	240
tatataccaa	ctattaaacc	t				261
<210> 1132						
<211> 587						
<212> DNA						
<213> homo sapiens						

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 1132
 aacctgttct caaggaaaag agctaaggta ggctgccaga taaaatgctg aggtgatcca 60
 gaattactcc cgaactctac cagctgaaat cctcctcaac tcacatcaga caagacggcc 120
 ctgccactta cctgtcanat cactttgggc agtttacagg agagaagatg cagcctggga 180
 gagatgcagc aggtgtctga ggccacacag caagtcaccc agggccagga tctgaagctg 240
 ggtctctcca gctccactgc ctgggcactt tctcctccac agcgaccttc aggtcatcat 300
 gaggagcctt tcggactaaa gctagagagc tgggattcca acagttcagc aacccatgac 360
 ttctccatgg cagctgctgc ctgaccacct agtgcctttc actaagantg ntccttccct 420
 ctctgaaaaa ntattctcct gccctntntt ccaaacattt gggnggggca cctgctgccc 480
 aaaagntgaa cttttttttg ttaaaaaaaa ggcctcactg tgtcatncaa gctggaatgc 540
 aatggcgtga tcatacttac tgnaagctcc aacttcttgg gctcaag 587

<210> 1133
 <211> 335
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 1133
 tgggactcct gcttaantca naactggngg ctctgaaagg ccattcccca naanggtcnt 60
 ttcattngnet ttngganntt nnnngcgtnn ccccaaaaaa tattaccagt acctacagca 120
 tgtcacctaa gcaactggta agtgatatt actcaaccag aatgcaaaca tttctattgg 180
 ttttaagtaa gacctgaaag aagctgggag cggtaggctaa cgctgtaat cccancagtt 240
 tgggaggctg aggcgggagg atcatgaggt cagatgatca agaccatcct ggctaactg 300
 tgaaaccccc tctctactaa aaatacaata aaaaa 335

<210> 1134
 <211> 490
 <212> DNA
 <213> homo sapiens

<400> 1134
 gcttgaccca aaacatcaga tcttcctggg ccttgagata gctagttttc agactgcaac 60
 tacaccatca tctctcctgg ttctcagacc ttcagactta gactgaaact tacataatca 120
 gctctcctgg tctccagctt gctgacagca gacttttagga cttggttagac tccacagtga 180
 aagatcactc tgactgctac atggaaaatg tgctggggag aaacaagact gcaggaaata 240
 agagcagtga acaagctctt gctgtaattc aagtcagggt tagaagctgg agctggagca 300
 gccattctga actatgtcgg taaggggcgg actcccatgg tggcttggaa gtgagctgga 360
 gggcaccaag gtgcatgatg atatcatggg gttcccatag ataccagga tcacgaacat 420
 cagatttcat tttcatgaga cagaaataaa ttctgtcttg ggtcaaagat acatatcata 480
 aaaggaaaaa 490

<210> 1135
 <211> 250
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(250)
 <223> n = A,T,C or G

<400> 1135
 cccaagctaa gtgatcatat cccctgagac ctgcacatat atatccagat ggcctgaagc 60

aactgaagaa	ccacaaaaga	agtgaaaata	gccagttcct	gccttaactg	atggcattcc	120
accactgtga	tttgttcttg	ccccacccta	accgaccaat	tgaccttgng	acattccttn	180
tccggggcaa	tgaatctcaa	gagctcccca	ccaagcattt	ttgggacccc	ccttctgccc	240
acaaaaaaaa						250

<210> 1136
 <211> 573
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

<400> 1136						
aaaggagtcc	acagaggcgg	gcngaataaa	tgaatgaaa	gcaacgtctt	ccggtcagct	60
gcggactgca	aaggctctgg	tctggctgta	tttcctcgcc	cgattgaccg	ccagcgatac	120
gacgagaacg	aggacttgct	ggacgtggag	gagatcgta	gcgtccgagg	cttcagcctg	180
gaggagaagc	ttcgagacca	gctgtaccag	ggggacttcg	tgacagccat	ggagggcaaa	240
gatttcaact	atgagtacgt	acagagagaa	gctctcaggg	ttccccgat	atttcgagaa	300
aaggatggac	tggaatttaa	gatgcctgac	cctgatttca	cagtccgaga	cgtcaaactc	360
ctagtgggga	gccggcggct	tgtggacgtg	atggatgtga	acaccagaa	gggcaccgga	420
gatgagcatg	tcccagtttg	tgccgttact	acgagacgcc	cgangcccaa	ncggggacaag	480
ctgtacaacc	gtcatcaanc	tagagtttca	accacaccaa	gctggaacac	ttggtcaagc	540
gtccgatgng	gtanacctgg	tggactgggt	ggc			573

<210> 1137
 <211> 558
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(558)
 <223> n = A,T,C or G

<400> 1137						
gactgtcact	ctggagctta	gcaccagcac	cccgccctatg	nnnggtgcag	ggccntgatn	60
atattnagca	cnttnngntt	gaccttggnt	ttnatcggn	nggcggncan	ggngntgaaa	120
acagccttgg	gncctgnccc	anctgcctcc	tcccagcatg	ctggcttgct	ggcgctgtaa	180
ctctatgctg	agccttcacc	ctaannngag	tgctncccta	gagcacagcc	ctattgttgc	240
tgagccntan	gaacctngat	gctgtagtga	gccagaanct	ncactatcac	nagctgtgga	300
aggctttctg	aaactgnaat	aggtttctgg	atggagaang	gcccacccan	gccagcacat	360
ganctaata	nangngggga	canentgaac	agnacagtcn	gctntacttn	caccttgaga	420
gaatgctcnn	aaagacattt	tttgcaccca	cccaactaac	tnanaatctt	gntgcaccc	480
tctggnccat	ngggacgncc	gncaggccct	cagttttact	taccaagccc	ttcttcgcac	540
ttcctgtagg	ggaaatcc					558

<210> 1138
 <211> 594
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(594)
 <223> n = A,T,C or G

<400> 1138						
tggactctgt	cagacccccac	ctagacccgc	tccaagaccc	agacactcat	cgccagctgc	60
caggagcacc	agtcacagcc	ggctcagagc	tgaaaccccc	cgcacccagg	agtcaccttc	120
agtggggagc	atgccccagt	ctgcctctgc	aggcaaattc	ccagctcaga	gcctgtgtcc	180

aggaatcccc	aggctctcag	cccaccctgg	cctcctgagt	gaggatcatca	gaaggatgat	240
cagagggggg	tcgatacacg	tgtgctcagt	gtcaggcctc	tgagcccaag	cctgcacgta	300
tacatccaga	tgaagcaagt	gaagaatcac	aaaagaagtg	aaaatggccg	gttcctgcct	360
taactgatga	cattaccttg	tgaaattcct	tctcctggct	caaaagctcc	cccactgagc	420
accttgtgac	ccccactcct	ccccgcacag	aacaaccccc	tttgactgta	attttcactg	480
nccgccaaac	cctataaaaac	ggcccacccc	atcttccttc	cctgactctn	ttttcttcgg	540
actcagcccc	cctgcaccca	agtgaataaa	acaagcttgg	tgctcaaaaa	aaaa	594

<210> 1139

<211> 597

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(597)

<223> n = A,T,C or G

<400> 1139

gggaaagtct	tgcccgcagg	tgttgatgac	atacttccag	ggaacttcag	aggccacaag	60
gtcttccagg	cagttcaggt	cagcctggag	cctggagatc	cccccataga	caaccgactc	120
cctcttgga	gccagaaaag	catttgggaa	gcagctgagt	aactgtttca	ctgcaccttt	180
aaaggcatcc	gtcgccttct	gatccagggtg	cacacagtag	acattttggg	gcatataaat	240
cgccctgaag	agcctctcaa	aagtgccgaa	gtctttgtgg	atgggtcactg	tgtaagctaa	300
agggaaacca	gcctcttctt	cagagagtgt	ttctgttaca	tagtggcttc	gaaccatgta	360
ctcatagcag	gtagcttcat	caagggtagt	tttcaatgca	ttttctgttg	ggtaaaaaac	420
tttccctca	aaaatctgat	gacaggcttc	tgctaacagt	gaagcattgg	acagagctgc	480
cctcagaaaa	cgttttattct	cccataactc	aagtattgna	aacaaataca	aaaatcaggg	540
cagaaataag	agacgcgctt	aaaaagacaa	gtgctttcaa	gaaccatca	ttcaciaa	597

<210> 1140

<211> 150

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(150)

<223> n = A,T,C or G

<400> 1140

tgctgaattt	gatgacttga	ttgggaagt	gtctgccaga	tcgcccccg	tgcaanagt	60
agngattgac	anntccccgc	gtttggnaac	ncatttntctg	gacganctta	ataactgnng	120
cccctatttt	nggtattaaa	aatctttatt				150

<210> 1141

<211> 462

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 1141

accaggaca	ggaggactcc	ttcgagagac	cagtccccca	nccttgccct	cactcgggtga	60
ggagatctac	ctatgacctc	aggtoctcag	accaaccagc	ccaaggaaca	tctcaccaat	120
ttcagatcgg	atcttctcag	cttagcggct	gaagactgac	gctgcccgat	tgattgcctg	180
ggaagcctcc	tggaccatca	cagacgcctt	ggtaactct	tacagtggag	gacaggaatg	240
tcaggccggc	ctctgagccn	aagcatgcat	gtatacatcc	agatggcctg	aggcaactga	300
agaaccacaa	aaagaagtga	aaatggctag	ttcctgcctt	aactgatgac	attacttgng	360
acanttcctt	ctnccgggaca	gngaagtntc	cggaagctnc	ccactgacac	cttgtgancc	420

ccgccccctgc ccgaagaaaa caaccccccttt aactgtaatt tt

462

<210> 1142

<211> 109

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(109)

<223> n = A,T,C or G

<400> 1142

ggcgtgcttt	tgggggtcatc	ggcaaaaagaa	agtactttga	atgtatcnga	acagtttcgc	60
agnctncttt	tgatgaaaga	ttgacaaaana	cgattcttgt	atgggttttt		109

<210> 1143

<211> 219

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(219)

<223> n = A,T,C or G

<400> 1143

cccaagctaa	gtgatcatat	cccctgcgac	ctgcacatat	atatccagat	ggcctgaagc	60
aactgaagaa	ccacaaaaga	agtgaaaata	gccagttcct	gccttaactg	gatggcattc	120
cancactgng	aattggttct	ggccccaccc	tactgaccaa	ttgaccttgg	gacattcctt	180
ctccggggca	atgaatctna	ggagctcccc	accaagctt			219

<210> 1144

<211> 105

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(105)

<223> n = A,T,C or G

<400> 1144

gtgttgtag	ttactgctgc	ctacancctt	tngngcccg	tcancctgg	taactccaag	60
ctgaattgnc	caatnctttt	gctttttacc	ctggaagaaa	tactc		105

<210> 1145

<211> 137

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(137)

<223> n = A,T,C or G

<400> 1145

ttactattta	tactaatatn	ncttanttnt	tngntatnnt	agancaccct	tttgagcacc	60
gttcagcctg	gttaagtcca	agctgaattg	gccantntnt	ttgcttttta	ccctggaaga	120
aatactcatt	aagccac					137

<210> 1146

<211> 341

```

<212> DNA
<213> homo sapiens

<400> 1146
acaggaatgt caagcctctg agcccaagac tgcctgtaca catccagatg gcctgaggca      60
actgaagaac cacaagagaa gtgaaaatgg ccggctcctg ccttaactga tgacattacc      120
ttgtgaaatt ccttctcctg gacaatgagt ctcagaagct cctccactga gcatcttgta      180
acccccaacc ctgcccgcaa gagcagggttg actgtaattt tccactacct acccaaatcc      240
tataaaactg ccccacccca tctccctttg ctgattcctt tttccgactc agcccgcctg      300
caccatgtg attaaaaagc tttattgctc acacaaaaaa a                               341

<210> 1147
<211> 377
<212> DNA
<213> homo sapiens

<400> 1147
catgtttcct gagaacctga cctatgacaa gactactaca aacaatgctt ctatgaacat      60
tcttgtccat gtttctctgat gcacgtgtgt ccaggctggc ctccttttga ggaaatgatg      120
attgaacctg ggtttctggg aagagccatg ttttctttgg tgtctacatg tatccactca      180
ttccacctga gctagagcca gcaagtaaga agtacttatc aatccttggg ttccaatgtt      240
ttcagaagag cacaagtccc atgaggctag ggtaagggtg tgaggaagcc ttctgaatac      300
cctattccct cttttaagat gctcattaat tagcatatga aataaaagtt ttgataaagc      360
ctggagtaaa gaaaaaa                               377

<210> 1148
<211> 318
<212> DNA
<213> homo sapiens

<400> 1148
ccaagactgc ctgtacacat ccagatggcc tgaggcaact gaagaaccac aagagaagtg      60
aaaatggccg gctcctgcct taactgatga cattaccttg tgaaattcct tctcctggac      120
aatgagtcct agaagctcct ccaactgagca tcttgtaacc cccaaccctg cccgcaagag      180
caggttgact gtaattttcc actacctacc caaatcctat aaaactgccc caccatctct      240
ccctttgctg attccttttt ccgactcagc ccgcctgcac ccatgtgatt aaaaagcttt      300
attgctcaca caaaaaaa                               318

<210> 1149
<211> 112
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 1149
aaccttgaaa gaaatggacc caaaataagc cnagcnagcc tgacatggca gcacgcactg      60
agaattttta aanacctttt gagcaagttc agcctgggta agtccaagct ga              112

<210> 1150
<211> 144
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 1150

```

aaattataat	acaatccnta	tnacctttat	tcttggagca	ttctnattcn	acccttcaga	60
gcttggtcan	cctggatnac	ntcaanntga	ntnggccaan	tctttngctt	nttaccctgg	120
aagaaatact	cataagccac	ctct				144

<210> 1151
 <211> 457
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 1151						
agctctcctt	caggggtgtgg	atgtgtggtg	gcagctctgga	gatcgtcccc	tgcagccggg	60
tgggccatgt	cttcaggaaa	cggcacccct	acaacttccc	tgagggtaat	gccctcacct	120
acatcaggaa	tactaagcgc	actgcagaag	tgtggatgga	tgaatacaag	caatactact	180
atgaggcccc	gccctcggcc	atcgggaagg	ccttcggcag	tgtggctacg	cggatagagc	240
agaggaagaa	gatgaactgc	aagtccttcc	gctggtacct	ggagaacgtc	taccagagagc	300
tcacggtccc	cgtgaaggaa	gcactccccg	gcatacattaa	gcagggggng	aactgggtta	360
aaatntnang	gccanaacac	aactggngac	ttnccttgctt	ggaatgggga	tctgcaaang	420
gtcttgccaa	aaccgcgacg	cgcgccagca	tggctga			457

<210> 1152
 <211> 149
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 1152						
taataaagg	agaaagccct	tttngngcac	agttcagnen	ggttcaganc	aagctgaatt	60
gggcacttct	ttagcctttt	taccctggaa	gaaatactca	tnagccacct	ttgttatnna	120
cccccaatct	tttaaaagaa	aaaaccgtg				149

<210> 1153
 <211> 388
 <212> DNA
 <213> homo sapiens

<400> 1153						
gaggactcag	gaagcctccc	atttatacca	agaaggccaa	gcagcaatga	aatgtttcat	60
attccaggag	tagaggcaag	acagaggaaa	gatgccacat	cctgtttatac	aaccagatct	120
cgagagaacg	cagtatcagg	agatcagcat	caagaagatg	gtgcttaact	attgggtatct	180
ctatagcagg	ttggctatgt	agtaataaca	caaaaccgga	tttaaggggg	aacattcaag	240
aagacttcag	aaattttgcat	ataaagaagc	cctgtgctaa	tggccaagac	aaatggaaaa	300
aggccttgaa	gacatttcac	agctcctctc	tgcagttcta	attttctgta	ttatcctaaa	360
taaaaagaag	gttcattgga	aaaaaaaa				388

<210> 1154
 <211> 153
 <212> DNA
 <213> homo sapiens

<400> 1154						
gaagaggggg	ctatagactc	aactctcggt	atggaaatac	ttatggtaaa	ggaattatgt	60
cttacagaat	atgtgaggca	aaactgtcca	tttgcaaata	actaacacac	tgtctgcact	120
gatgggaagc	tgatgctttc	atccagtgca	caa			153

```

<210> 1155
<211> 312
<212> DNA
<213> homo sapiens

<400> 1155
gggtgtccgg aatggaacat gaaagcggac caggagcgtg accgctgcac tgacgettcc      60
gctagaccac agtctgctcg gcgacgggtg tcttcccaga tgctggcatc accgctagac      120
caaggagccc tctgggtggc ctgtccgggc atgacagaag gctcacgcac ttgccttgta      180
gtcacttgtc actcaccatg tcccttcagc tcctatctct gtatggcctg gtttttccta      240
cgttatgatt gtagagcgag gattattata atattggaat aaagaagtaa ttgctacaaa      300
ctgaaaaaaaa aa                                     312

<210> 1156
<211> 227
<212> DNA
<213> homo sapiens

<400> 1156
tggggagctc ctgcttaagt cagactgagg tgggggtctt tcaaaaggaa aagatgcgga      60
gacagacaca tgtggaggga agatcatctg aagacaaaag agaagacagc tgtctgcaag      120
ccaaggagag gagcctcaga agaaaccaac cctgctgaca ccttgatctt agacattcag      180
ccttcagaat tgtgagaaaa taaatttctg ttgtctaagc aaaaaaa                227

<210> 1157
<211> 188
<212> DNA
<213> homo sapiens

<400> 1157
tttggactca aaaaagacaa gttttggaag gtggaaagag gcatacaagc acaagacatc      60
aaatcccatt taaagtcaga aagaaaaaca ccaactctaa ccctgtgtcc tcacagagaa      120
tatcaacatc ttcaaacaaa aacaccccaa aaaaaggtta ataaataaac cagatttcca      180
aaaaaaaaa                                         188

<210> 1158
<211> 383
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 1158
gccctctcac acttgngtg acatcaagat aaanancgga ggtggatggt ggatnnaaca      60
tgaccgcngg ctntcctacg gtgantntat cntggggggc cgcngatnta ncacatggna      120
anggetggcc nagatccact tttttggtgc cgaaanaatc tgggtgcntan cccctggcaa      180
ggctgnttgn cgctgtggg tngggacacc ccaattncga caacccttca ttenggggtt      240
natntggcgn gcnnnttttc tttggnacna ncccattttc ttattaccat tcttctggcn      300
attaaacctc aaaatcacat gtcttggcca aggaaggcct cccaaataat ancaaaaaca      360
atcccntttt ggtcaaaaaa aaa                                     383

<210> 1159
<211> 107
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(107)
<223> n = A,T,C or G

```

<400> 1159
 ataagaatgt gaccttttag agcnngttca gcctggntaa gtccaagcnt gnattgngcc 60
 gaattctttt gctttnnacc ctggaagaaa tactcataag ccacctt 107

<210> 1160
 <211> 553
 <212> DNA
 <213> homo sapiens

<400> 1160
 tttctcttgc cccaccatat aagaagtgcc tttcacctcc tgccatgatt ctgaggcttc 60
 cccagccatg taaaactatg aggaaactga agcgaaagaa tgttgactaa ttttgtcaag 120
 gtcacacaac tgggtgtcctg agggagaagc tgggtgccctt tatcacacag ctaacaacgc 180
 tcctggccca tggatcagag aagttgaagg aaaatacaga ggaagttcta acagtggcag 240
 acctaattac tgcaccatgc caagcaggta atccagcaga aagggaatgga atctgagcta 300
 acctaccatg tttgtactgg aagtcctgcc aacagcattt aaggaggcct gcctctcctg 360
 cagtcagggtg tgaccaaagg agtatgagt aaagtaatgt gtgcctctac aaaacctgac 420
 gcatatgaag aaacaaacca tccatccaca cctgatcctt gtcttctcca tctgccagct 480
 gaatggagag aaacaaagaa ctctgtctga cccacactgg actatgacat gagcaagaag 540
 cacactttgc aag 553

<210> 1161
 <211> 546
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

<400> 1161
 ggccaacagt attttgttca agtctcggct tacaatatga aaggatgggg acctgctcag 60
 accacgacac cggcatgtgc ctctccttct aactggaaag actatgacna caganagccc 120
 agacncaagg gacagagtga agttttggaa ggtctgctgc agcagggtccg agcccttcat 180
 cagcattaca gttgccggga aagcacaaaa ttacaaacca caggccgcaa gcagtcagtc 240
 tcaanaagcc tgaaacacct gttccattcc tcgaacaagt ttgtgaagac cttaaaacgg 300
 ggactctaca tagccgttat attttattac aaagacaata tcttagtcac caatgaagat 360
 caagtaccaa ttgttgaagt agatgactct nacaccagnt ctattacaca agattttctg 420
 tggttcacga aactggcttg gatgtgggaa gatatnaggg ggctgaggca aaagcatacc 480
 aatatcctca ttctcatnca cagnggctgc aaactcgcag aanatgttgc cacacaagca 540
 caagtt 546

<210> 1162
 <211> 141
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(141)
 <223> n = A,T,C or G

<400> 1162
 caaaatgaga tgtgacngaa cttgggtnat tntttattga tattaantag ttaagncntt 60
 ttttnagagn ngngagtnga acatnacctt ttgagcangt tcagcctggg taagtccaag 120
 ctgaattggc caattttttg g 141

<210> 1163
 <211> 443
 <212> DNA
 <213> homo sapiens


```

<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G

<400> 1163
gactcagggtt ttttaattaat tgactggata aacatgtcag gcctctgagc ccaagctaag      60
ccatcatata ccctgtgacc tgcacgtata catccagatg gcctgaagcc actgaagaac      120
cacaaaagtg aaaaatagcca gtccctacct taactgatga cattccacga ttgcgatttg      180
ttcctgccct tccctaactg atcaatggac cttgtgacac tccttctcct ggacaatggg      240
tctcaggagc tccccactga gcaccttggt acccccaccc ctgcccgcaa gagaaaaacc      300
ccctttaact gtaattttcc actacctacc caaatcctat aaagactgcc tcacctctat      360
ctccttttgc tgacttcctt tttcgaacta agtcnggcct acaccacgt gattaaagc      420
tttattgctc acccaaaaaa aaa                                         443

<210> 1164
<211> 465
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 1164
gccaccaagt tctattgaac atcatgaatc ctatgctcaa gtgagatcag ctcaagtga      60
accagatatt tgaagacctt ttcatttttc ccaccctcaa atgaaggcat gcaagacatc      120
tgtcatgtga gtttacagtg agaagatggc catctatgaa ccaagaagta ggcatctctc      180
agacaccaa tctgctggca ccttgatctt gggacttccc agcctccaga actgctcata      240
ggcagaaggg acttgtcttg tctcagggtg gactttggac ttggactttt gagttaatgc      300
tgaaatgaat gaaaactttg ggggactgtt gggaaggcat gattgtgttt tgaaatatga      360
aaaggacatt anatttnggn aaggaccagg ggagtaacga tatggcttgg gtctgtgtcc      420
ccccaaaact catgttgaat tataattctt aggggtggga aaggg                                         465

<210> 1165
<211> 178
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 1165
actatgttgc ccacgttggt cnngaactct tgagctnagg tgaggttncc tncctngcct      60
cccaaagtgn tggcattaca ccttttgagc atngttcagc ctggttaagt ccaagctgaa      120
ttggcctcgc tggccatttc ttttgctttt tacctgggaa gaaaatactc ataagcca      178

<210> 1166
<211> 475
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

<400> 1166
gaatcctgtt cacgatgctg gtatttggac caagcctgcg ggttttatcct gggctctttc      60
tgtacaaaa tctacgtgga tgcggtcttc attgacacaa gtaacctgga catcaactccg      120

```

gacgaccccc	gctggatcgg	agcctggtgg	ggtggctttc	tgctctgcgg	tgccttactc	180
ttctttctctt	ccctcttgat	gtttgggttt	ccacagtcgc	tgcccccgca	ctcagacccc	240
gccatggaaa	gcgagcaggc	catgctctcc	gaaagagaat	acgagagacc	caagcccagc	300
aacgggggtcc	tgaggcaccc	cctggagcca	gacagcagtg	cctcctgttt	ccaacaactg	360
anantgatcc	ccaaagggaa	ccaagcacct	gctttnaaac	cctgngttca	cctgcatcat	420
cctggccgcc	tgcatgggga	ttgcaagngg	nggctggcct	cctgcttttt	gggga	475

<210> 1167
 <211> 101
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

<400> 1167						
tcatgtggaa	actgaccagg	cgatggggacc	aactntgnaa	ttccacagca	ntnctctggc	60
ngggtcactc	ccactttgnt	agngatgtgg	ttatttcctc	a		101

<210> 1168
 <211> 311
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(311)
 <223> n = A,T,C or G

<400> 1168						
gccctgcggg	ttcatattct	ctggngaatt	tcnagacgac	tgggattttt	tngnnngnct	60
accctgaac	agcaagacca	atacatcctg	tatttcctcc	tcttcagcct	acttgtgaag	120
acaaggatga	agacctccat	gatgaagcca	tctccactta	atgactgtct	cacattggcc	180
ggcaacttgt	tccaagtgtt	tgtcttcana	ttacaataat	tncatgtaaa	gatgatgctg	240
gcacaaggct	ttcaacccat	ncctttctct	gaccanaag	ataaagacat	cctacctttg	300
agccttttaa	a					311

<210> 1169
 <211> 118
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

<400> 1169						
gggacagccc	tcctgggaat	ctacattgng	gttccccgcg	attcaagctc	aagggctctt	60
angaagggtg	tgacgccctt	atgacccgca	gagatctaga	cagtcgtaaa	cagtcccc	118

<210> 1170
 <211> 417
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

```

<400> 1170
gacgcgtgag acatttggtg cagaagacct gggtcagagg gactccttcg ggagaccagt      60
ctcctgtcct catcctcact ccgtgaagag atccacctat gactttgggt cctcagacca      120
accagcccaa ggaacatctc accaatttna aattgggnaga nacaaaggag acacatttta      180
tnaatgggcc cnaaactccc ggncaagggn acgggctcaa aaaaacaagc cntnccttgg      240
gggttaanca ttggggggat gcccggtga ttatttactc ccatttcatt ggggggtgna      300
acnccanggg anccccgncc tgggnatttc ncttcccntt tccccngggg ggancnccnc      360
ccctttacca tnnaaaaact gggggcttgc ctgatcacc ctaaaaaccc ccctggg      417

```

```

<210> 1171
<211> 551
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G

```

```

<400> 1171
acaacttctc ctcatgaagt acangagtcc cccacctcca ggaaaaagag acaaagacca      60
cgagaaggac ctgagaaacg cctgtgaccc cgcccctgag gccagcctct ccttcagcgc      120
tggctctggc tgtgtgtgtg agctgggaca gttatattca tcagaacagc acggtgtcaa      180
ggccctcacc ccagaaagc ttaagagaca ctgttttatg gaggagagtg agattggagg      240
aacccttgac tccagggtctc ctgatccttc ctacacaaag cgaagctgaa aaaaagtgca      300
ggacactcca tttcctcctg ggaccagaca gggaagccag agccaccatg gatgtcaaat      360
tccagcaagg aaacaccagt atagcaaaa cttccacatca cattttaaag ctcacacaat      420
ggctcaaaga gacccacatc aaaaaaccga attnctagct caagtgagat caccaaagtt      480
gcctgtgang cttcgtggaa cctgcangta gaaaaggaca tctttatttt gagctgcaac      540
ccaatttgtt t                                     551

```

```

<210> 1172
<211> 462
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

```

```

<400> 1172
cctctgaaga gtccctacca gcaagaaggc tctcaccaga cgtggccctt tgaccttgga      60
ttttctagcc ttcaaaactg ttatgtcaaa gttttgaagg cttttccagc atacaaaaaa      120
ttcaggggga aaggaattga caagggatgt aacaagatca gcagccacac aaactcaaat      180
gtcctcaaac tccagagttg catccagagg ttttgacccc catgccccac tccttgccat      240
atcccaagga tgttcttttg gagggctgag caagatgcag caaggcactg ggggagaacc      300
cctcagcata cacaggaaat ggccnccaca gctttgggct gaaagtccat aaaggggctt      360
aaattttaaa aacctggaac nccttccctt gaggaaccc tnaagttcag ggntagcttt      420
gnagcaactt caccctaaaa ttttctacag acagaattcg tt                                     462

```

```

<210> 1173
<211> 229
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

```

```

<400> 1173
gtaccttctg ctggaagatc aagagctttc ttcttggaca ctaaaaaanc cacagtcctc      60

```

cagtgaaaagg	atccagggaa	nantttccan	anttttaacgg	ncataatcgc	ctacctgggtg	120
ccaacggntc	aanaaataac	acaggcaccc	tgggcnaatn	caccagttan	atgntggaga	180
nggacaacng	ttgtncatt	tattccaeng	cncacccctt	aaagtacca		229

<210> 1174

<211> 393

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 1174

ctgtcctcat	cctcactccg	tgaagagatc	cacctatgac	tttgggtcct	cagaccaacc	60
agcccaagga	acatctcacc	aattttcaaat	tggtagagac	aaaggagaca	cattttatca	120
gtggacccaa	aactccggca	caggtcacgg	actcagaaag	acagccttcc	cttgggtgtt	180
aatcattgtg	gggatgcctg	cctgattatt	cactcacatt	ccattgggtg	ctgatcacca	240
cggggacgcc	tgccttggtc	attcactcac	attcccatgg	ngatcttctc	aacttaacca	300
gttgaagact	gatgctgcct	gatcacctca	aaagccccct	ggaccatcaa	ggatgccgag	360
cttcaagtaa	ctcttacagt	ggaggagacg	caa			393

<210> 1175

<211> 163

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(163)

<223> n = A,T,C or G

<400> 1175

tctgagataa	actctataat	gtnttggata	aaaataacat	tgcaancccc	tatttgnata	60
naatngggat	nggntttttt	aaatnaaagg	anggtntagt	tggnttttta	tangaccaag	120
acggttatta	nccgacatnc	tcggaaagaa	atttgtatgg	cct		163

<210> 1176

<211> 177

<212> DNA

<213> homo sapiens

<400> 1176

gtccctcact	agcctccctc	tagtcccagg	ccctccctat	gagctttgaa	aagcttggga	60
aagtcaagag	aatgagcaga	caagtcacag	attggggagaa	gacatttgca	agacatctga	120
taaatgctgt	cactcagaat	acaaaagaac	tcttaaaaact	caatagaaaa	caaaaca	177

<210> 1177

<211> 291

<212> DNA

<213> homo sapiens

<400> 1177

tgggtctcta	tgtttccagt	tccgagaaga	ttcaaagcag	tctataggat	gcctccaatc	60
ctgcttttcc	actcccctcc	caatagaata	aagatacagg	ttctcatgtg	agtggaaactg	120
ctggctttat	aagaagaaat	acctgagcca	gcatactcac	ctgccttacc	atgtgatacc	180
ctgcactgct	ccagtactct	gcagagagtc	ctcaccagta	agaaggccct	caccagctgt	240
ggccacttga	ccttagactt	ttattagcct	ctatatgtgt	aaaaataaaa	a	291

<210> 1178

<211> 583

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(583)

<223> n = A,T,C or G

<400> 1178

agaccgggtc	tcattatgtt	gccagggctg	gcctcccaaa	gtgctagaat	tacaggtgtg	60
agccactgca	cacggcctac	tttghtaataa	taacaaacaa	tacagccgct	acttttttgt	120
agtttcaaac	catgatccca	gaattttttg	attcatcaaa	aggtagaacc	tatgtcatct	180
accgttgaat	ccagactgtg	cgattgcttg	accaatagaa	tatagaagaa	acgttatgcy	240
acatccaagg	ctacatcata	aaatgtgaca	gagcttccac	tgggttctcc	ttgtcttaga	300
gccccanccac	catacgatga	ggaagcccaa	gtagctgaag	agaggagagg	cccaaacaaa	360
ggaaccaagt	cccctggacc	acagctactg	agctccagcc	aaccagaaag	cgccaactta	420
acaaccgcta	gaggagccat	ctcagaaatg	aattctgcag	ccccctgggtg	agctccagct	480
gatgccatgt	ggagcangaa	cgaactgtcc	ctcaacatnc	tgcccaaatt	gnggatgngt	540
gagcaaaaata	aatgactggc	atgtcttaag	ctctaaaaaa	aaa		583

<210> 1179

<211> 416

<212> DNA

<213> homo sapiens

<400> 1179

atccataatg	gattcctggg	acatttttcag	atctccttcc	agcttcctct	tcgccctttc	60
caagtccgcc	cgcagtttct	tctcctgctc	taaggaaccc	tcaagctgag	aagacacaca	120
gatggagtct	cgctgcgatg	cccaggctgg	agtgcattgg	tgcaatcttg	gtcactgca	180
accttcgttt	cccaggttta	agcaattctc	ctgcctcagc	ctcccaagta	tctgggacta	240
caggcgagcg	tcaccatgcc	tggctaattt	ttgtattttt	agtagagatg	tttagtagag	300
agtttcacca	tattggccag	gctgggtctg	aactcctgac	ctcaagggat	ccgccacct	360
tggcctctca	aagtgctggg	attacaggcg	tgagccatat	ttctctcaca	tacaga	416

<210> 1180

<211> 447

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(447)

<223> n = A,T,C or G

<400> 1180

gacccccactg	gaaatcggac	tgttcaactc	acctggcagc	cactcccaga	gccccctggaa	60
ctctggccca	aggctctctg	actgactcct	tcttggctta	gtggctaaag	actgatgctg	120
cccgatcgcc	tcggaagccc	ctagaccatc	acggatgccg	agcttcagaa	ggcaggaatg	180
tcaggcctct	gagcccaagc	caagccatcg	catccccctgt	gacttgacag	gaaaggacca	240
gaaggcctga	agtaactgaa	gaatcacaaa	agaagtgaag	aggccctgcc	ccgccttaac	300
tgatgacatt	ccaccattgt	gattttgttc	tacccacact	taactgagtg	attaaccctg	360
ngaattttct	tttttttgtt	taaaaanctc	ccccantgac	accttgggac	ccccgcccct	420
gcccaccana	naacaacccc	ctttgac				447

<210> 1181

<211> 378

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(378)

<223> n = A,T,C or G

```

<400> 1181
gaggctatga ggctcactgg tctccagaaa tgtacctctg ngtgcgggaa tgttccagaa      60
ggccacactg tctacagggc cattgcttca ctgcagatta aatgtcctcc canaaccttc      120
cagggcacta attgcctaaa cagctctggc gggggagaga gacagagaag tgagcagcct      180
gaacagcang ctgttaagcc tgcaacttga catcaanaat ctgcncnatg tctgcaagag      240
acagaggaag accttgccagg acaatcatct ctgcatggag gaggcaatga acagcagcca      300
cgtaagggac ttggcancag ctgctcaccg ctgctctctt gacttctgcc tttgcttctt      360
tggggcgggg aaaaaaaaaa

```

```

<210> 1182
<211> 475
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

```

```

<400> 1182
gtgtgataca atttcaagaa aataatttgt aattaagaaa aatcagacaa gatggagaac      60
aagaacaaat gtggagatga ctccagagg caagaaaaaa cacttcacag aagaatgttt      120
tctttcaggt gagagtcat gcttgtgggt ttgactcaaa gacatctccc aaaggacaag      180
gaaatgtgga gttttgctct tgttgctcag gctggagtgc aatggcgaga tctcggtctt      240
ctgcatcctc cgcctcccgg gttcaagcga ttctcttgcc tcggcctccc gagaagctgg      300
gattacgggc atatgccacc acgcctggct aattttgtat ttttagtaaa anccccgggt      360
ttttccaaat ttgggccagg gttggtttta anacttccca accccaggng gaatccgccc      420
gcctcggcct tccgaaaagn gcttgggatt acagggcatt gagccacttg tgccc          475

```

```

<210> 1183
<211> 417
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

```

```

<400> 1183
cactcccaga gcccctggaa ctntggccca aggcctntctg actgactcct tcttggntta      60
ctggctaaag actgatgctg cccgatcgcc tcggaagccc ctataccatc acggatgccg      120
agcttcagaa ggcaggaatg gcaggccnct gancccaagc caagccatcg cattccctgn      180
gacctgcacg gaaaggacca gaaggcctga agtaactgaa gaaccgcaaa agaagngaaa      240
aggccctgcc ccgcttaact gatgacattc caccattgtg atttgttcct accccacctt      300
nactgagtga ataaaccctt gggaaatttc cttnttttgg gnttaaaang cttnccccac      360
ttgagcacct tgtgaccccc gnccctgccc accaananaa caaccacctt ttgactg      417

```

```

<210> 1184
<211> 262
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

```

```

<400> 1184
agaacaaaag caaaaggaag ttttgctgct aactgtctct atcaagtttt tctacattga      60
agacaaactg tgtatgtgat ttgttctcct caaatgagat attcagggtt tctgcttttg      120
cgtcttcgtc attctctctt tgccctgccac catccatgta agatgtgact tgctcctcct      180
tgcttcttgc catgattgng aggcctcccc agccacgtgg aactgtaagt ccaattaaac      240

```

ctcttttcttt tgtaaaaaaa aa 262

<210> 1185
 <211> 104
 <212> DNA
 <213> homo sapiens

<400> 1185
 atttattatc tatctgctac tccattctct taaaagcctc aaggcacaaa gtaaattggtc 60
 aagcaatggg agtactgggt cacaaggatt tcttcctttc cccc 104

<210> 1186
 <211> 257
 <212> DNA
 <213> homo sapiens

<400> 1186
 ggtcactgaa agagatgagc tgaaacccgc atgtgttttg ccaggattgc tggagaacct 60
 gaatagttaa gggaaaaaac ctgcattcca gactgactca ggaacaagac tgactagatt 120
 tgatcattac tgcaattcag tgacagatag atgggagggt tcattttact attctttcta 180
 cttggacata tgcttgtaat tttgcattta aagcactgaa aatttaaata aatacattta 240
 gtccagagca aaaaaaa 257

<210> 1187
 <211> 322
 <212> DNA
 <213> homo sapiens

<400> 1187
 agggcggagc caggtgtacg ggatggaaca tgagagcgga ccaggagcgt gaccgctgca 60
 ctgacgcttc cgctagacca cagtctgctc ggcgacgggt gtcttcccag atgctggcat 120
 caccgctaga ccaaggagcc ctctgggtggc cctgtccggg catgacagaa ggctcacgca 180
 cttgccttgt agtcacttgt cactcaccat gtccccttcag ctccctatctc tgtatggcct 240
 ggtttttcct acgttatgat tgtagagcga ggattattat aatattggaa taaagagtaa 300
 ttgctacaaa ctgaaaaaaaa aa 322

<210> 1188
 <211> 260
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(260)
 <223> n = A,T,C or G

<400> 1188
 accctgcatt ctgatggacc agctgggtgca acccagactg ggaatccata caacgaaact 60
 ggcttacctg gtcttgtgat cctcaccagg gaactgactc aacatgagaa gacagctttg 120
 accccctatg atttcactct caaccacca atcagcattc ccattcccta ccccccactta 180
 ccactaaact gtccttgaaa aacctagtcn tttgaatttt ggagggaggg ctgatttgag 240
 taataaaact ccatcctttc 260

<210> 1189
 <211> 109
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(109)
 <223> n = A,T,C or G

<400> 1189
 gacctgccga gtgggaagag ccgtgnntgg cccggntcc cagtggngac nacaanctnc 60
 ctgtgttcgt ggcaacggca ctctcaaate ttgncacggc tgatgggaa 109

<210> 1190
 <211> 104
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(104)
 <223> n = A,T,C or G

<400> 1190
 cctagggcca caggtttatc cgagatgncc ntctctgnag acaacgntct ggataccttc 60
 acccatttnn tgaaaggtna aatcaaattg ggaaagccaa aaaa 104

<210> 1191
 <211> 405
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 1191
 attccatcta ctatctagaa agagcagttc caaatgggaa atgatgaggn ctcatgatgt 60
 tgnccaaggt ggagtgccgt ggctattcac aggcaccgat catagtagca ctgtggactc 120
 aaactcctcg gctcaaggaa tcctcttgcc ttagecctct gagtagctga nactaccaag 180
 ggaatttaaa caaagnttna agaaaatgag ttttccattn tngtatncc atttttatcc 240
 taagtattag gaatgccata ttttnggaat aactttggtn tcattaaaaa agnagcacat 300
 tgtctacatn taagatatca agaagttatt gaagaaaatg aaatcaccta tcagaaataa 360
 cccctggtta acattttaat gcatttncta gaccatatat ggtac 405

<210> 1192
 <211> 109
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(109)
 <223> n = A,T,C or G

<400> 1192
 cgatgtacac agctgtgggc ttctgaatgg ccgtcccttt ggctatccac cgccgncggc 60
 agaccactgg gattctgtgg tttctacaac agaggtctgg cctgactcg 109

<210> 1193
 <211> 441
 <212> DNA
 <213> homo sapiens

<400> 1193
 gtggatgcaa aggtgttacg atgaggttga atatattgac cagaaaagaa aacattatag 60
 tcctttgttg aagaagagtt ttctcatact ggaaagaaga acaataaaag aaagaaactt 120
 caaaaacttc atgctgcttt ctgaagtact ccagccaaag aaaataattc aggtatcaag 180
 ttggactagc tcagatgact acaaaaatgct gacttatata agttattagt cttctagaag 240
 gatcacaagg aaccagcatc aaagaaatgg aatccagcta attcccccaa gaaactgaag 300
 ttttcgggac atgacttgtg aaaggcaaac ataagctgac atcttttcac actgaaccag 360

caagagccaa agtgtttccg aaaagccatt gtcaaaacaa ggagtggagaa cagctggggt 420
caagaccta tgaagggcat c 441

<210> 1194
<211> 459
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 1194
gtggacgggc agagatcaca gcaaagatgg agccagattc atccctacca gaaatccatc 60
ccaacccaac acgtccaact gaaggcagac agagttttcac tctgtcgccc aggctggagt 120
gcagtggcac ggtctcggt caccgcaacc tncacctncc gggttcaagn gacttttctg 180
nctnatcctn ccaagtagct gtgattacag gtatgtgcca ccacaccag ctaatttttg 240
tatttttagt agagacaggg tttcaccatg ttggccaggc ggggtctcaa ctcctgacct 300
caagtgatcc acctgncctg gncntnnaaa gngnttgnat tacaggcatg anccaccatg 360
accgacttaa gaatttttag aataggaaac caaaaggaag cccgaaagag ccaaattcngg 420
cttgaaggg aatgcctaca natttccatt ggaactttg 459

<210> 1195
<211> 450
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 1195
gctacacttg ggtgtggaca gctaacttgg atataagaaa acatcaagta tcacatctgg 60
gagaatcaca aactagaagg ttccagtata catgtgcagg acgtgcagg tgtttgcata 120
ggtttttgag gaatcgccac actgtcttct acaatgggtca aacgatttac attcccacaa 180
cagtgtaaag gcattccaaa aagatggagt ctactctgt cgcccaggct ggagtgaagt 240
agcgcgatct tggctcactg caacctctgc cttccaggct caaagaatcc tttctcctta 300
gcctctcgag tagctgagac tacaggagta tgccaccacg ccctgctaatt tttttgnatt 360
tatagntgca ttgggtatat tttggggnat gttaaattata tctcatcaaa attgttcttt 420
ttttaaaaga aagcaacaag tggtcaggaa 450

<210> 1196
<211> 358
<212> DNA
<213> homo sapiens

<400> 1196
ggtgttgctg aaaatgtcag atgcaaattt ggatagcagc aagaagaatt tcttgagggg 60
ggaagtagat gatgaggaaa gtgtgatttt gacactgggt ccagttaaag atgacgcaaa 120
tatggaacaa atggaaccaa gcgtttcttc aacttctgat gtcaaactgg agaagcctaa 180
gaaatacaat ccagagtctc actgtattgc ccaggctgga gtgctgtggt gtgatctcag 240
ctcgtgccc cctctgcctc ctgggttcaa gcaattctcc tgccctagcc tcctgagtag 300
ctggagctgg gattgcagggt gtgcaccccc atgccagggt catctacttc aaacaaaa 358

<210> 1197
<211> 473
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature

```

<222> (1)...(473)
<223> n = A,T,C or G

<400> 1197
ggctgtccgt ctcccagatg ctgctcttca gggctcctgg cgccagtgct gaggtgacag      60
agcaaaggctc tgaaaactgg ccccttcacg cagcagtgtc caaagcgggg ggcattggcac      120
acccccctctg gcttccacat ggcgggcaca ggccacaggc acaggatctc tgcagaaacc      180
aggcagtgga acaacgccaa cccacactc tcgggtgcct gtgtgtgcca tgtctcatcc      240
tgggccatct cctcttggat ctgccaggcg tgttggcgat gaggaccctg cggcagtggg      300
tgggctccac caacaagtgg taaagctgga acttctaaaa ggacaaagtc cgggaatgac      360
tgcccttgcc gcttgaagga gggcaaggctc ttnaacttgg ttggggngcc gngcctggcc      420
acaatttttt taattttaag aatnggtnaa ttggggcntt tttttgcaa cct      473

<210> 1198
<211> 497
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(497)
<223> n = A,T,C or G

<400> 1198
gtatactgca acatccagat ggcacagttt tgaaacagtt acaaccacct ccaagggggcc      60
caagagagct ggaattctat aatatggttt atgctgctga ctgttttgat ggtgttcttc      120
tagagctacg aaaatatatt ccaaaatatt atggcatctg gtcacctccc actgcaccaa      180
acgatttata cctaaaactg gaagatgtga ccataaaatt taataagccc tgtataatgg      240
atgtaaagat agggcaaaaa aagctatgat ccttttgcct catctgagaa gattcagcaa      300
caggtcagca agtaccatt aatggaagag attgggttct tgggtgcttg catgaggggt      360
tatcatgttc attccgatag ctatgagaca gaaaaccagc attacgggag aagcttaaca      420
aaagaaacta taaaggntgg agctncaaat tttttataat ggggncnggt naaaaaanaa      480
gctgttgctg cccattt      497

<210> 1199
<211> 513
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 1199
ttcctagact cagggcagct gtgaccgctc ctcccagaga aatcattaaa ccacaangat      60
tcagacagag cccagagccc tgaaaacttt ggccacncac tttccgcag cagccacagg      120
caccggnaac ttcagagagc cagataaaag tggaatgagg aatgcagccg ttctgaacac      180
caccctccat ttcattctgg aaccgggaag gtacaccagc gcatgacaat agcttctctc      240
ctcacagaaa ttttaactggc cgggcacggg ggctcatgcg tgtaatccga gcattttggg      300
aggctgaggc agactgatca cctgagttcg ggagtttgag accagcctga ccaacatgga      360
ggaaccccggt ctntactaac aatacaaaaa aattagccca gtgnggtggn acatgcctgt      420
accccaacta cttgggaagc tgaggcaaga gaatcgcttt gacctggaag gcggaggggtg      480
cagnaagnca agaattgtgcc attgactcca ggc      513

<210> 1200
<211> 410
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(410)

```

<223> n = A,T,C or G

<400> 1200

ataaaagtgg	aatgaggaat	gcagcccgtt	ctgaacacca	ccctccattt	cattctggaa	60
ccgggaaggt	acaccaggc	atgacaatag	cttctctcct	cacagaaatt	taactggccg	120
ggcacggtgg	ctcatgcgtg	taatccgagc	attttgggag	gctgaagcag	actgatcacc	180
tgagttcggg	agtttgagac	cagcctgacc	aacatggaga	aaccccgctc	ctactaacia	240
tacaaaaaaa	ttagcccagt	gtggtggcac	atgcctgtaa	ccccagctac	ttgggaagct	300
gaggcaggag	aatcgcttga	acctggaagg	cggaggntgc	agtaagccaa	gattgtgcca	360
ttgccttcag	cctgggcaat	aaaaagtga	actcttgtct	caaaaaaaaa		410

<210> 1201

<211> 195

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(195)

<223> n = A,T,C or G

<400> 1201

ctgaaatccc	ggcgctgaag	actaacgccc	gacccctgag	atctgtgagt	tntgggtngc	60
angccgactg	aaggaggaat	atcagtcctt	tatccngtat	tgtgnctnnn	tnccaccgaa	120
tgctnnacat	tcggatttgg	ntntnctgnc	nggtagtcca	acangggaaa	gtgaacctcg	180
gtgggttttg	ggaaa					195

<210> 1202

<211> 387

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(387)

<223> n = A,T,C or G

<400> 1202

gaattctacc	ccctcttctt	tgttatgctc	agatgctgat	acacagaaat	tctcctgccc	60
caacaaagga	tgggcttcaa	cccactgtct	cctcctagac	tttaattagg	aaccattgga	120
ctttacacag	tagggggaaa	aaaaaagtct	ttggaaagaa	actgaagcca	gatgtctcta	180
ggtttttctag	ngccaacagg	aagccaccag	ctgaactccc	agttctcaag	catttgcaag	240
acagaggaat	gtgggagagt	tcccttacct	gagcanactc	ttcttccagc	cgtcttttct	300
cttcttctgc	atcgatcaac	ttctgtttgg	catcagcagc	tccttattca	gagcatctgc	360
cttttctctca	gcctgaaaca	tttaaaa				387

<210> 1203

<211> 393

<212> DNA

<213> homo sapiens

<400> 1203

agaaacatcc	acatggctgg	taagcaggag	gtgctctggt	aaaacaagta	taaaatgaat	60
gtcaggatgt	tctccctcat	ggtgggcatc	ttctctgtcc	tttaataccac	ccagttcttc	120
atctttgacc	tgaaccagaa	gacacacatt	tgctatgagg	ccaagttcag	catctacgtg	180
gactcaaagt	cggagctagt	cacttgagcc	ctgttccaca	gggctaatat	cagcactggc	240
ctctccctcg	ccaccatcat	catcggtgc	ttcctccttt	attgtatcca	caagaatatc	300
tacatggggc	tgctgatcta	tgccatgtgg	atcatcatt	acgagctcat	caacttctcc	360
atagtcctgc	tcctcaacgg	gatcatcaaa	gat			393

<210> 1204

<211> 399

<212> DNA

<213> homo sapiens

<400> 1204

actgcattca	aagcctcaga	taacaacatt	tgtatacatt	ttcttcagta	gctgttactc	60
cagtaaagaa	gggctgaatc	taaatcttca	agagaaatth	gaattttcca	actgctcttc	120
tgcatacaagg	atctccaaga	ccatccccag	gttgaggat	ttgctaagag	gaatcacagg	180
actcagtgt	cagtcattctg	catgggtatg	atttatttca	gcaaaacaac	aaaagcaaa	240
accagtaaag	agaaaataca	ctggggtgat	gtctcaagga	aactaggcac	aagcatctaa	300
gagtcctctc	ccagtggcgt	cacacaggac	acacttgatt	tctccagcat	caaagatgtg	360
acaacacatg	tgaaagatct	acccacccag	aaaggccaa			399

<210> 1205

<211> 395

<212> DNA

<213> homo sapiens

<400> 1205

aggaaaaagg	tttaatcgac	tcacagttca	gcctggctgg	ggaggcccca	ggaaacttac	60
aattatggca	aaaggtgaag	gaggcccag	gaaacttaca	gttggtggca	aaggtgaagc	120
aaacatcctt	cttcacatgg	tggcagaaag	gagaagaatg	agcaaaatgg	ggaagagccc	180
cttataaaat	catcagatct	cgtgagaact	cactcactat	catgagaaca	acatggaggt	240
aactgcccct	gtgattcaat	gacctccac	cgggtccctt	ccacaacatg	taggaattac	300
gggaactaca	attcaagtat	tcttccttgg	atgaaaggac	taggagaaag	ccctgcaacc	360
ccacgagtcc	gcccgtttgt	tgaaatcaag	tcaag			395

<210> 1206

<211> 349

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(349)

<223> n = A,T,C or G

<400> 1206

cagccgcggg	aaattaatat	aactgcgaat	ctcctcattt	cccctgntng	ngntngnntg	60
ncctcctacc	catctgagag	aaacagaact	cagcaagcac	tgggtgancca	ggacananaa	120
ttgtcagnct	taacgaagga	gaanggntaa	ctnnagaaan	tnctaagcca	tttgagaact	180
cattctcctt	ggttcatcaa	gcatgatcaa	gattaaggat	tcatacacac	ctgcttntct	240
gatgggagag	ngtntntnt	naaannacca	atttatttcc	ttgttnnaag	ngggcngaag	300
tctcccttgg	aaggagnaaa	ttcccnagac	cctttataat	ggaaccttt		349

<210> 1207

<211> 478

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(478)

<223> n = A,T,C or G

<400> 1207

caatactgct	ttatatattt	tttggaagt	cactgctcct	gaaatctaaa	taggcatctt	60
ctacaagtgt	ctgctaagaa	ttaatatgt	accacttcag	taaaatatgt	taaactgtgt	120
ccagacttgg	ttccttccgg	tgtgtgttcg	tggctctcgt	gacttcaagg	atggagccgc	180
agaccttgg	aatgagtgtt	acagctctta	aagactgcat	ggacccaaag	agtgagtggc	240
agcaagattt	gctgtgaaga	gccaaagaac	aaagcgtcga	cagcgtagaa	ggggacctga	300
gtgggttgcc	actgctggct	ggggtggcca	gcttttatct	ccttatttgn	ccccccac	360
cgttctatth	ttttggttgg	gttggttgg	tggtttttga	aaaangaagt	ntttgttttg	420
tttccaggn	tggantgcaa	tggcccnatt	ctcggcttca	ctgcaagcct	caacctcc	478

<210> 1208
 <211> 550
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(550)
 <223> n = A,T,C or G

```
<400> 1208
ggccgatgtc cattggaatc actgngatgc tgatcataca caactatattg ttccctttaca      60
tcccttatttt gatgtggctt tacttttgact ggcatacccc agagcgagga ggcaggagat      120
ccagctggat caaaaattgg actcctttgga aacactttta ggactatattt ccaattcatt      180
tcattttcac actgctgata aagacatatc caagactggg aagaaaaaga gggttgaaag      240
acttacagtt ctacatggct ggggagggcct cataatcatg gnggaaggca aggagaagca      300
agtcacgtct tacatgggtg gcggcaggca aggagagagc ttgtgcaggg aaactcctct      360
ttatgaaaca atcanatctc atgggactta ttcactatna cgagaacagc atgagaaaga      420
cctgccccca cgagtcagtt acctccaact tggtccttc cagcatga aggaattgtg      480
ggagttgcaa ttcaagggtt gntttcantt tccaaaaaaa gnggtcctac atggtaagca      540
aggagggagg                                     550
```

<210> 1209
 <211> 317
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

```
<400> 1209
tttaggcctg gagttnttgt ttntgngata ggcaanantc tccccaggt gaatgggctg      60
nttaaaaagt tntttggctc cttaccaaac ttttgggcca gggggcattt tgtgccctgg      120
ggngaccgn ggttaaaagc aatggtttaa acaatgnngg gggagancca aaaanaccaa      180
gccggattgg gacctgggtg ggnnaaaaaa nggnccttn ctttaccctt gggggaaaaa      240
gncccttggg ttttttttta agncctttga ncccccttg ggnaaaaaag ggtttttttt      300
ttggcaaccc tttaaac                                     317
```

<210> 1210
 <211> 514
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(514)
 <223> n = A,T,C or G

```
<400> 1210
aattatattt tcatcttttg ggatttcaac acttgagatt atgganttca agttgtattt      60
ttctgnatta taatangctt tcttctaaaa tcaatctcan ttgataactg gaaacaagca      120
aaggaggatc tggacatgag gaagtaacaa ccagacanaa gtcttcatgc aatactgcgg      180
cccatccaga actgaacctc aagcattcan actacacaag ctctgacctt ctggaaatgc      240
tttattcagc tcaactacaac cacctttgaa agcctcctgc agctctatcc cccagggtnga      300
tccatcagca tgaagctnta cggaaaacat aacatggctc tagtcagtga gaaagattca      360
gcaagggccca ctgatctcaa ctcccccacag tctggaaaaa tgctgattgc ttgagttttc      420
ttctccgtgg ctttgacata tnccanacag caagggttaa gaaatgggac atgctgaagt      480
aatcaaaatc tntgagatca acaagttctc caag                                     514
```

<210> 1211
 <211> 125

```

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 1211
gattcacgtt tgcccccca tcttttaa at cntcttcag ccctngccgg atttctgcat      60
cggaattgga ttggatcaca cccaaaagaa gagcccagga actcgttcac caccttgcac      120
aaagg                                           125

<210> 1212
<211> 135
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 1212
acaccaaact cccatccntc tggtactcac tgctgttgca aagccaaact ttatatngct      60
aatttntcgc naattgggan ccnnccaaat gncaaggcgn gacntcengt gccttcaagc      120
tctgaggtct ggctg                                           135

<210> 1213
<211> 584
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(584)
<223> n = A,T,C or G

<400> 1213
atgagctgaa actgaagcca ccagacaagg tgctttctac tatttccttc cctttctcca      60
ggcagaggag tctctttctca ggtccaccac caccacagtc ctacaggagg tacagccaag      120
agatggattt tctccatgtt acccagtcgt gtctcaaact catggggtca aggtgtccac      180
ctgcttcagc ctcccaaagt gctggaatta caggtgtgag tgaccacacc tggccaagaa      240
taatatttta tagaagcctg gctaatacaa ggaatgctaa gtctctagat caccatgaaa      300
atgtactagg agaaataaat tctaaacttg aatgccattt gaagatcctt ggaactatga      360
aatatcccta tatttgctaa tgggtaaaaa tacaaatgca taccaaactt cactaaatat      420
atacatgaag aattgcaacc tttccagcca tgcatacaaa ttctccaaaa gacaacataa      480
aaggngcata cacattgagg attatcatgt cttcttgga gattgctctg gttatgtaat      540
gcctcacatt atcgctgata attttncatg cactggaagc ctgt                                           584

<210> 1214
<211> 569
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(569)
<223> n = A,T,C or G

<400> 1214
gtgggggtctt tcagaagaga gaagaagagg aggaggaaga aagaagaaga gaggaagaaa      60
gaagaagaca accaagacga caatgaagac gacgactaac tcccagggtc aacggacttc      120

```

accgacggca	ttcactgcgg	aacagccagc	tgtgcctgag	aggggaagcc	agcccttgcg	180
aatggagtca	acggtgctgg	ggccatcttt	tgtccctcac	gctcctggcc	tgcccagtac	240
aagctggatg	gagcctaggg	gaggctgctt	ggcgacgctt	ctcccaactg	cgggagcgcc	300
tgtaacctgg	tcccatggat	gtctccattc	tagtgacctt	gctgggctct	gttcgtgaag	360
gtctgcggat	ctcagcctgt	cacctccag	gggtccccgct	attctgtagc	agagccacag	420
agaaagagca	catgtgccct	ggagtggctc	ccgctgtcaa	gggtaacttc	atgtccaagg	480
ctgtggaaag	agaatctggg	aactggctcat	cttnctgaaa	aatgcacttg	tctggctggg	540
tgcaagtga	gtcatgcctt	tgaatcctg				569

<210> 1215
 <211> 418
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(418)
 <223> n = A,T,C or G

<400> 1215						
gatgttctgc	tgcttagcca	agttcatccg	gcctcatggg	aagcatgctg	gcccgaagaa	60
gatcacaggc	ctatgncagg	aaagaaacac	cgcagaatcc	gaggagtgtg	tgaaagaatg	120
gcccacccga	gcaaggtcta	ttaaccaa	caccaaggcc	ttcgctttct	tgaaangaat	180
tggttccgaa	aaagcaaaac	ccnacttca	acccgtacc	ttgacgccgc	ttgggcttcc	240
ttggcttccc	gtccaagccc	caatcttaca	aaaaaagggc	ccccgcttgg	aacaaggggt	300
gcgcattgcc	ccgtgggggt	caaccccttt	ntgaagggac	aatggctctg	ntacttnaan	360
aacacccttg	gnaagcctgg	nttcacttga	ccaaaaaac	canggctttc	caaaaatt	418

<210> 1216
 <211> 475
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 1216						
cctttgactg	acacatgang	ccttctctgg	aggtaagctg	gggttataaa	accttccatg	60
agtgaaggc	cgaatccatc	agtcacttca	gaaaacctca	cggccagttc	tactccatat	120
gaaatctgtc	tgggcatcaa	tctactgatg	gatgcaatga	agatgtggct	caacactatt	180
cttactgtga	ttcagtgagg	tttcgtactc	ggcattggat	ggctgcataa	catccaggag	240
agacataaac	ataagaagaa	aacttaggaa	tggaatcatt	atcaagaaaa	acaaaccaca	300
aaggaaaggg	aaatttggac	ccagagatac	attcagagag	aagatgatgt	gaaggcacag	360
gaaggatgcc	ctgtgnacat	caaggaccag	tgcctggcaa	acctaggana	gaaggctaca	420
acagatecctt	ccctccagcc	ctcanatcga	actgaccctg	caagtacctt	gattc	475

<210> 1217
 <211> 573
 <212> DNA
 <213> homo sapiens

<400> 1217						
agctgctgct	gcacacggaa	gcccttgaag	gacaggccct	gagctgtgtc	ctcgtccctcc	60
tcggccacca	acctcgcagc	tagaactgcc	atctgcagat	ggaaggtcac	agccctgatc	120
tctggaggcc	aggaagagcg	gcagactgcc	aggattccac	caacccttac	aaaccaggga	180
aaaggagctt	cagggtgggt	ggcaacatca	tttgctcaag	aaaacagagt	tctggttttt	240
ccaagatgga	aaacagaggg	gaattggtca	aaagggctctc	ctaactcata	cattattaca	300
gccttatgaa	tgaacaggaa	caccatgtga	gggggcacgt	cttgctgaac	tcaaaggaaa	360
tacgtccctac	caggcaatta	ttctgatcat	tatagttgat	tctttccaga	gaccacgaac	420
atgcggatag	tgatgagtga	gcaacacata	tgcaaaaagc	actgagggga	cagagtacac	480
agagactggg	ctgtcaatgc	tactactgaa	gcaggtcgac	aagcaaagcc	tcaccttctg	540

ccaaggagga gctacgggga accaccctac tct

573

<210> 1218

<211> 591

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 1218

gccgttcccc	caagagtgga	gaggaacgtg	aaagcctcaa	atgagtctgt	gcagggacag	60
cagtagagac	ccagacctgg	caccaagtcc	tggtcctccc	tccaggggag	atcagtctcc	120
ggtgtacggg	ggcaggctaa	cggagggtgac	caggtcatca	ttggtcaggg	gctgggttcg	180
gacacgtctt	agcatcttca	gacctgcaaa	agaattgcct	ggagctgaag	aaccagagtc	240
ccattactgg	ggcccttagt	aggcccagac	tccaccagga	aggttccaga	gaggatgtca	300
ccccagccca	ggtcttccaa	ggtaacccat	ttactcctcc	ctgctaccct	ctcctccctg	360
agcaatcgca	tgccacaaaa	atgagccctt	cccttcccaa	tggactctgg	gaagcacctg	420
gattccccag	ccacacaagg	gattcttcac	gaatccaaga	tgccacacaa	cacagccaga	480
actccaccat	caagccctcc	accttcacag	ttcggccaan	gatacctacc	tcgagcgtga	540
cacttgaggt	cctgggtccc	cacgcaatgg	aacatgagca	agcaaccact	g	591

<210> 1219

<211> 114

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(114)

<223> n = A,T,C or G

<400> 1219

gatgaagggt	ggacaagaag	acgaggcttg	anagtgacat	cttntttatc	anggaagtta	60
agctttcaat	ccactggccg	agtcttgaat	ggaaggatct	aattatacac	ccgg	114

<210> 1220

<211> 574

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(574)

<223> n = A,T,C or G

<400> 1220

accacaccag	cagagggggt	gtcacctcaa	agaagtcacc	tccgccaaag	ataaaatcca	60
cttgatcagg	atgcatgata	tttgtaacgt	gctgttgaat	ttggtttgct	aatatttttg	120
actgtgttgt	taaatttcca	cacatgtccg	gccgccatcc	catctaggaa	gtgaggagcg	180
tctctgcccc	gccgcccata	gtctgagatg	tgaggagcac	ctctgccccg	ccgccccgtc	240
tgggatgtga	ggagcgccct	tgcccggctg	caaccccgtc	tgggaggagt	tttgtctgct	300
gctcatcctg	ctacatcaag	gtacaagaaa	gagaattttc	tgtgctacat	caagggtacaa	360
gaaagagaat	ttccttttga	atcccttggt	ggtgggtggg	gcagcagtg	gtgtatggag	420
ctcattgatg	gaattacaaa	tatgttccca	gtgtttttgt	tgncttatca	gaagggttga	480
tcaaggatat	gtaacctact	gcaaaaagaca	gaataatggc	ccccccgaaa	gatatccatg	540
ttccagacta	cgtcacagtc	tggaacctgc	aatg			574

<210> 1221

<211> 451

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(451)

<223> n = A,T,C or G

```
<400> 1221
agttctcattc tgtcaccacg gctggagtag agtgggtgtga tctcagctca ctgcagcctc      60
tgccctccacg gttcaagtga ttctcatgcc tcagcctccg gagtagctgg gattacagtg      120
actccacacc cacagaagga gagggggatg aagaaatctg ccaggagggt gcctcccgcg      180
agtatctgat gaaggtaaga gaggtagtca gccctggcct catggaccct ccacaggctc      240
tccctccctc aagggtgcag gtgtgtcccc acctcggatt ggaggccagg aaactaacca      300
caatctcctg gctatgaaac ctggccccctg ccttggaggc aaaacagggt gaaatacagg      360
caggcaggat ncccaaccac aaaagctcaa gttangtcat tttttgggga catgacaact      420
tggttggttn tntaggtcac caaaaagaga c                                     451
```

<210> 1222

<211> 180

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(180)

<223> n = A,T,C or G

```
<400> 1222
tcaaggaaatg tggattanca ccagcgtgat ttaatgaaca ggacactant tctaactgtga      60
accgtttcac tatnagccc gcttttaaaat gaagggcttt cngaaacccc ntgcggacnn      120
tttttnacnt aaaccnggaa atatnnctcn tctanatgca tgaaatcatg ttggagatct      180
```

<210> 1223

<211> 469

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

```
<400> 1223
gtgggggtctt tcccggccaa tgcaccaaat gaaagatctt cgaattcccg gcccatgtac      60
caaatgaaag accctcgagg gaagaccctc actcagacac tcaagtcccg ggacagcccg      120
gtacccaaga agacactgag accatacata aaatgtagaa ggcaataggg aggcccaagg      180
agagagagag acatggggaa acagccagtc tgtggagcgt cagaacgtac gtcgacgtcg      240
cattgacaga ttaagtttgt cgtcttatgt catccaactg ttcattctaca ccaagagaat      300
gctgtgtggt cataatcttt cctcccttga aatcctgggg ctttttcccc tctggagtcc      360
ttccctgtac aagcttccaa agcatgaact ttctttctgg agcatngnaa gaaagctttt      420
ttgttgngtn cagcaaccen cccaagttaa ataaaaacct actttcttt                                     469
```

<210> 1224

<211> 186

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(186)

<223> n = A,T,C or G

<400> 1224

caacagtgca	taggtgaatc	agggagcacc	tgtaanatgt	ggtgagnagg	atgatgctta	60
ttggggtcana	caacagcttg	nacccttgan	taccaaccac	ggcccgtgga	ggtgatttca	120
gttctgcgaa	agagatggnt	gggctgaata	agnnggaagg	tttgtgacan	gaactgtggg	180
catttt						186

<210> 1225
 <211> 434
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(434)
 <223> n = A,T,C or G

<400> 1225						
cttgctctgt	cacgcaggat	ggagtgcagn	ggcaangatg	acaactcatt	gnagccttga	60
cctcccagct	caagtcgncc	tcctgcctca	gcctcttagg	accaangtgt	gcaccaccat	120
gcctggctaa	tttttttgat	tttttgtaga	gatgggatct	cactacattg	cccaggctgg	180
tctcaaagtc	ctgggctcaa	gcaattattc	tgcccttgcc	tcccaaagtg	ctaggattac	240
aggcagtga	ccactgcacc	tagcctagct	ttttcttttt	gcaattgtta	cagtgatgac	300
cccaaggagt	catctgtctg	tgccatgctc	ccttnccatg	ggaccttcct	tgctcctccc	360
atnaaaagca	gaggctacta	cnacacctct	tgtattgagg	ctgctttgtg	atttgctgng	420
actaatgtaa	taca					434

<210> 1226
 <211> 449
 <212> DNA
 <213> homo sapiens

<400> 1226						
tccttccaag	tgttcctgaa	acaaggagat	atgtgaagtc	tctccagcct	gatatcccca	60
gtggaaataa	gtcaatgttg	gaacaagaag	tatgagcaac	cagaatttaa	aaaaatcttg	120
ctaaggttct	gaacatagaa	gaggtctgtt	ttcctatcat	tcgacactga	aatgacggtt	180
ccaggataaa	attctccaat	tcattgtcgag	tgtgcttatc	catgttttcc	ccagtagagt	240
caaactcttg	atgacgggat	ttagcagttg	gtaaatgcct	agtgtgctga	gtctgtgcag	300
atctgatact	cttcacagtc	cctgcccagg	gccccggatc	ctgaatctta	caaaatgcaa	360
tggaatcttg	aaaaatagaa	aagacatggg	ggcaagtatt	caaaaacttac	cctaagtgtc	420
tctgaccctg	aatagctaag	gctcaaaaat				449

<210> 1227
 <211> 456
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(456)
 <223> n = A,T,C or G

<400> 1227						
atggcagcat	ggagtaagtg	gttaangccc	gtggactttg	gaatcagggt	ttctgcgctc	60
aagtcttgct	actgcgatct	actagctgtg	tgaccttggc	aagtgagtat	gctgtggagg	120
cccattagca	aggatctgag	agaggctcct	gtccaacaaa	cagctgagaa	ctaagaggga	180
ccaacagcca	gcaagaaact	aagcctgtca	gtccaacagc	ccacaaggac	ctgaatcctg	240
ccaacaacca	catgaacttg	gaagtggctt	cttccccagt	caagtcattg	gatgagatca	300
cggagctggc	tgacatctta	actgcagcct	tgtgaaactc	tgaagtagcg	aaccacagga	360
agccatgatc	agacccaaac	cactgtcaga	aactgngaga	caataaatgt	gagttatttc	420
aagctgctca	gttngngngn	attataatat	tggtat			456

<210> 1228
 <211> 571
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(571)

<223> n = A,T,C or G

<400> 1228

gcactaggtg	gtttgtagca	agcccttcca	ctgaggacgc	ccagaggagc	tgcacaaaac	60
agtccagtcg	aaggcctgcc	ggaaggcact	ggagagctga	cgggtgggatg	aagatccacg	120
caaaggaaac	atggggaaag	gtgagctcag	catttggggt	cactttttcc	ttgagggcga	180
ttgccagtgt	canaagaggt	ggctgagggc	tgagcgggtg	tttcgcagat	tgtgaggata	240
acggagagaa	ggtggtggga	gcttgcttct	ggcttgcat	tttggttggg	accgcgcanc	300
actacaccgc	cgcatacggg	tggactggag	acctgcacca	gtcctggcga	gatttgctgc	360
tcagtttcag	agaatatcaa	actctacagc	tggatttang	attgcccatt	ccctcggcac	420
ctggaagaag	ccatttgaat	acctttcttg	aggaagatag	cagcattcta	ngtctcatta	480
tttctattaa	caatgggttaa	aattttaacg	nccagcccac	aataatagta	gctaggncca	540
agcagaaaca	agactgcccg	aacgaatgcc	a			571

<210> 1229

<211> 150

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(150)

<223> n = A,T,C or G

<400> 1229

cacagattcc	tggccaaacc	ntggtnccag	ctttncacaca	gtgtcgggtg	cnthttattan	60
cctagntgag	gcctgctcat	gtacctctna	ttaataaatg	cttttgcat	natatccata	120
ctatataaag	atctctcaca	acaacaaaaa				150

<210> 1230

<211> 432

<212> DNA

<213> homo sapiens

<400> 1230

caactgaagg	cgagaaagag	cgagaaggat	gctgttttctg	agaaggcctt	cctttttttc	60
ctctggagaa	agtgaatcc	taaatccatt	ccctcatttt	ccctaactcc	tgaagagaat	120
gggaatctac	aggtctctat	ccctgggtgag	cccggagggt	gagttttcac	aagggcagca	180
agaagaatcc	cttctcctct	tcctgtccac	cttctgaaga	ggaggagaca	gagccgggtt	240
gcagatcctc	accaaagtgg	atgctgttcc	cagaggaagg	aaggccccc	cggggcaagg	300
ttgccaacat	gacccacag	agaccaggaa	caaacgttct	tggcttttgg	acttcacttc	360
ttcacagagc	cagaagttac	agggccaacc	tgaagatggt	atcatgactc	acacacactt	420
atttctcagc	cc					432

<210> 1231

<211> 289

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 1231

atgaagaaat	caaagttcag	gaatggtaaa	tgttctgac	aaggttgttc	tgctggagtg	60
gtggttgatc	tcaagcttcc	cgcaagcctg	ttgactacag	cattgatcag	ttgccttaag	120
tttcctgact	gtaaatatca	tggctgattc	taatatcatg	cccnaagcct	gncnttnana	180

gagatggngc	tnccaattgn	tttacnattt	tanntgggtt	cnaatcaacc	cagtattaat	240
cngaatgtcn	tcnaggctnt	gagctccccc	ttctaaatct	ggggattcc		289

<210> 1232
 <211> 288
 <212> DNA
 <213> homo sapiens

<400> 1232						
agtcaaattg	atgtacagca	aagcacacca	gactccgtac	ttgatggatc	agctgacacc	60
acccagacca	gtatctggct	caaccagttc	tgccatccca	cccaggaaca	gaaaacagca	120
ggaaaaactc	acttcgaccc	tctatgactc	catctccaac	ttgaccaatc	agcactcccc	180
acttcccaag	cccctacccg	ccaaattatc	ttaaaaactc	tgatccccaa	atgttcgggg	240
agacaaagtt	gagtaataat	aaaattccag	tctcctgcta	aaaaaaaa		288

<210> 1233
 <211> 425
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 1233						
gggaagctat	taagtacctc	acagaagctc	ttcagttctat	cannngnnttn	gagcttgact	60
atgtinctgna	aactntaact	aangcccatg	ctaagaatcc	ttgtgntntc	tagggngaag	120
nctaatttgg	tatctgntcg	nactttgatc	acttcntcct	anaaggnggg	caaccancaa	180
agaaggaaaa	atncaaattt	atttccagtc	ctgagactan	tactggcctc	catgagaaga	240
gacccangat	gtctgcccac	cacagaacag	acctagcctg	ncaaacagtg	ggagngaang	300
aatgaaagca	cttcttcang	ggacctccta	aggaccacct	cacctgccc	gaactctact	360
ggactgcccc	atgtgtcagg	gagctcgaaa	acacctgagt	ctggaatgac	ttgtgaagaa	420
tgaca						425

<210> 1234
 <211> 472
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(472)
 <223> n = A,T,C or G

<400> 1234						
ctgagagttg	tcaaggggag	tgtccattgg	caagcacctg	cctcctgagt	gtotcccagg	60
ccatcaccat	cagccccagg	agctcagggt	ggcagagctt	aaagggaaacg	cccccaagca	120
cgctggctcc	tgtgtgttcc	tcagctggct	cctccctggt	caatatcatt	gttctcatgc	180
acgtgaccgg	caagtggagc	aacaaaaata	ccacgaagac	aaaagatctg	ggatactgnt	240
ctgctgctga	tcacgagggc	accagagagt	cgctgacgcg	gcactgctgt	ccttcctgat	300
gtgatctgcc	tggggctcat	gctctggggc	agcaactcca	tcggttgcat	tctgcacaag	360
cacaagcggg	gggtccaaca	catttataag	gaccaagcgn	ggtccccac	attccttncc	420
ntgngtccgg	gngctaccaa	aaaccattct	tcctgggaga	aagattcagt	ta	472

<210> 1235
 <211> 143
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(143)

<223> n = A,T,C or G

<400> 1235

atccaaggct	tgcacgtcc	tgcanagggt	gacggatata	ttcagacgtt	acgacacnga	60
tcaaggacng	gttgattta	aggtgtcgna	ccaacaagaa	cctgtgcatn	ggcntnaaaa	120
tttngaataa	cccctggcct	ttc				143

<210> 1236

<211> 458

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(458)

<223> n = A,T,C or G

<400> 1236

ttttgcagga	tataagtcaa	attccttgat	tttatacatg	aagaaaagag	gccaaagagaa	60
actggacaac	ttacctaagc	aaagagcgtt	tctgatgact	agaagggcca	agcaatacca	120
cgaaagtgtg	aaggaagctt	atttaatcac	caccatggag	aacaccatga	aagaaagtaa	180
aacaggaaa	gttgacgaa	tgcataaatg	aagacctgga	ctaagaccct	atgttttcaa	240
gagaggagac	gacatgccca	ggagtccctt	gtgtgggtatc	atcagtagga	atttgtgacc	300
aactcaagac	gggtgacaga	agcagatggt	naactggggg	aaccttggtt	tntcttaact	360
tgagtgggaa	ggcagcagca	tcaccatggc	agagaaaaca	ggaaaagcag	ctgagaaaga	420
cgaggtggag	ttcagganga	cgtgccttgt	taaccaga			458

<210> 1237

<211> 447

<212> DNA

<213> homo sapiens

<400> 1237

gattatgtga	atgtaaggct	agaagctatt	agagctgagt	atcagaagat	gcctgcattt	60
catcatgaag	aagaaaaaca	taatttggag	atgctgaaaa	agaaggggaa	agaaattttt	120
catcgacttc	atttaagtaa	agccaaaatg	gctcacagga	gggagatttt	aagaggaacg	180
tatgcgagc	tgatgaaaat	gtgccataaa	ccagatgtgg	agctacttca	ggcttttgga	240
gacatattac	acaggagtga	gtccgtgctg	ctgcacatgc	cccagcctct	gaatctagag	300
ctcagggcag	ggcccatcac	tggaactgag	gacaggctca	accaattccg	agtagatatt	360
actctgcctc	ataatgaagc	caacagtcac	atcttccgac	gtggagattt	gagaagcatt	420
tgtattggat	gtgaccgtca	aaatgcg				447

<210> 1238

<211> 439

<212> DNA

<213> homo sapiens

<400> 1238

tgaactcctc	agactagagt	ctgggtagga	agaatcaaga	tggcgtgttt	gtgggtcaagg	60
atctcaggcc	acactcccca	cactgtgccc	tgacactcag	catccaggga	aggaccagc	120
tgggcctcca	ggttctgagt	gacagcagta	atctcttggg	gaaacaggac	agaaagcatc	180
ccaaggctgc	acaaaaaagc	atgggtgcgg	catctgctcg	gcttctggtg	aggcctgtga	240
gtgtctccta	acgaggaagc	ttccaatcat	ggcagaaggc	caacaaggag	caggtacatc	300
atgtggcaag	agcaggagca	agggagagaa	ggaggaggac	ccagattcct	tcaaacaacc	360
agctctagca	tgaactaaca	gagcatgaac	tcactcatta	ccttgcggag	ggcaccaagc	420
cattcacgag	ggatctgcc					439

<210> 1239

<211> 450

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(450)
 <223> n = A,T,C or G

<400> 1239
 tacgagacgg ggtttcaccg tgttagccag gatggtctca atctcctgac cttgtgatcc 60
 acctgcctcg gcctcccaaa gtgctgggat tacaggcatg agccaccgtg cctggccaac 120
 ttagaagaat ttntgtgaag attaaacaag atgctatatc tgacatgctc agcacagccc 180
 ctggaatagt ataaataccc aacagttgat agctactttg ttatttgaca tggtttggct 240
 ctgtgtcccc acctaaatct catgtcaaat tgtaatcccc acgtgttgca ggacgtgggtg 300
 ggaggtgatt ggatcatggg ggcagacttc ccccttgctg ttctcgtctg tcttgtgagc 360
 tctcatgaga tctgggtggtt aaaaatgtgc agcgcctcct gctttgctct ctctctcctg 420
 ctggcatgtg aagggtgtgct tgcttccctt 450

<210> 1240
 <211> 454
 <212> DNA
 <213> homo sapiens

<400> 1240
 tatggatcaa gagtgtccat aaaaaagaac taaaactgga gtggaagctg gtagctggca 60
 aaagatcttc caatgaaggt gggagaattt tcaaggcact tacctggcta cagaggatga 120
 ctttgccatt tatatccaaa cagggcatta gctgcctccc cgcgggacaa ggctcgggac 180
 ctgcagcccc ccatgcctga gcttcgcac cgccttgggc tcctgcgcag cccgagcctc 240
 cctgacgagc gccgccccct gccccacggc gtccaatacc atcgaccacc caagggctga 300
 ggagtggcgg cgcactgcgc gggactggca ggcagctcca cctgcgcctg gtgcgggatc 360
 cactgggtga agccagctgg gctcctgagt ctggtgggga cttggagaac ctttttgtct 420
 agctaaggga ttataaatac accaatcggc atgt 454

<210> 1241
 <211> 448
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(448)
 <223> n = A,T,C or G

<400> 1241
 tctggggagc tcccgcatta agtcagactg agggacgggtg gtgtctgctg ttccgggatt 60
 gagagagatg aagcacttac tcacctcagt gactggtgtg cgcagccact ccctagccgg 120
 cttcttccat ggcaggacct gcaaattgctg gaccacaga aggtctctgag aagtaaataa 180
 cagatggagt tttacttttg ctgcccaggc tggagtacga tggngcgatc tcggctcact 240
 gcaacctccg cctcctggat tcaagcgatt ctcctgcctc agcctcccga gtagttgggg 300
 cctggctaata atatataat atttntnagn aganacgggg tttctncatg gtggncaggg 360
 nggtctnana ctntgacctn ngngnanaca cccgncctng tctencanag tgctgngatn 420
 acaggcatga gccaccacag gcggccca 448

<210> 1242
 <211> 180
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(180)
 <223> n = A,T,C or G

<400> 1242
 ggccatacac gggaaagaca caaanttcaa ncggngtcc atttctttcn aagctcaant 60
 tttttaatng natggttttg gggggtaang anggagacta ttggatttga ggatnttctt 120
 aatgatccat cacaaaacga agtcttggga gaacccctt gatgggggga aataaacttg 180

```

<210> 1243
<211> 211
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(211)
<223> n = A,T,C or G

<400> 1243
atatgtacct tcaatcaaatt tacangaatt aactagggga aaatgaggaa gaacttttagg      60
tacagacagc gagagatctt caaaatacta ttaaaagaag aaagcactct cgggtgtaaaa      120
aagaagccga ggcgagcaga tcacttgact tcaggaggttc aagaccagcc cagccaaaat      180
ggtgaaatcc acctcactaa aaatacaaaa a                                211

<210> 1244
<211> 336
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 1244
cactcaccgg aggggtctgca gcttcattcn tgangccagc gagaccatga acccaccggg      60
gagaagagaa cagtgcctgtc tttatgagct gtaacactgt aacactcact gcaaagggtcg      120
aaggctctgcg gcttcactcc tgaagtcagc gagaacatga acccaccaga aggaagaaac      180
tccggataca cctgaacatc agaaagaata aactccggac acaccatctt taaaaactgt      240
aacactcacc gcgaggggtcc gtgggttcat tcttgaagtc aacgagacca agaaccacc      300
cggaaggaac aaanttcnga cacaataagc aaattt                                336

<210> 1245
<211> 428
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 1245
actccctcag cactggacag ntgaaaccac gaaggacttg ggaccctttc tagtactttt      60
ctcaggagat gaattaagct ctatagccac aaagtttcct gagatccttc tgcaagcagc      120
ttccaagatg gccaggaccc tgccccctaa ataattcctc tgggctgtct ttcagtctgt      180
tcggaacagc agtgataaga tccccagctc tgaccctatg cctgggtgcc atggagtcgt      240
ggccccctct tctgatgaca tcttcaagtt ggccgaagcc aacgcctgct gggccctgga      300
ggacctgcgg tgcattggagg aagacacatt catcaggacc gtggaactgc tgggagctgt      360
ccagggtttc aancgggcn aacttgatga cctggaagga gaaagcattg caacctggcc      420
atgggcgc                                428

<210> 1246
<211> 407
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

```

```

<400> 1246
gaaccacaaa gaagtgtgtt cttgaggtca taggaagaga aggcaagaaa gaaggctttg      60
aaactgaagg caggcttccc tcctctgcgg cccccagggt ccagcgaggc ccattggtgcc      120
tcttctgaat tcagagcctg cattcagaag taggaggaaa ccaaattggt ggagaggaga      180
gcatgaggcc ctgaccgggg gcagagacag gcccagtgtc tgggtggtgt cttccatgaa      240
ataccttggc tgggtgggtc caggttcccc ggctcctgt tgggctgtgg ccactgtctt      300
cccagatgga tcaccgagcg cctaagtggg acttcagctt tatccaaact nctnctgntt      360
gatggttcaa taaccggatt gacttgtggg tttaaaatgg aaagcag      407

```

```

<210> 1247
<211> 385
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

```

```

<400> 1247
gctctgggga gctcctgcnt tagctcctgc ntnagggttac ttctacaacc ataacagtaa      60
taataataat agtaagaaga ggactgagtg cagtggctgg ctacagcttg taatcccagc      120
accttgggag gccaaggccg gcggattgct tgagtccagg agttcgagac cagcctggac      180
aacatggcga aaccctgtct ctacaaaata caaaaattat tacaaaatta gccaggagtg      240
gtggcaggca cctgtaatcc cagctactca agagtctgag gcaggagatc acttgaaccc      300
aggaggcaga ggttgacagt agccaagatc atgccattgc actccagcct gggcaaaaag      360
agtgaactg tcttaataaa aataa      385

```

```

<210> 1248
<211> 131
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

```

```

<400> 1248
gctcaatcta accttnaatg gccccgaaag acatcttgat tgaaacctca tgagggactn      60
tgagccanaa aaccagcna cttataaccc atatacctga ccatcagcca ctgngtggaa      120
taataaatgt t      131

```

```

<210> 1249
<211> 580
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(580)
<223> n = A,T,C or G

```

```

<400> 1249
gtatggcgga cgtgcgggtc atgaatgccg tgtttatcag cctgctcatc caggaagtca      60
aacatgtact tgatggccag gggcagggca nagccacggt gtgccgtgct gaagatggtc      120
tcaaagaggt catccacaaa ctctctgcagt gtgccctgga gaggcaggat acgtccagac      180
acagctcgac tcacgtagtt ctgaggatgg cttttaaaac ctgcctcaca gacctaggca      240
ggggagggat gtatacagcc caccctactt gggtaaaatt gggtcaggag tgatcattgg      300
tgtccgtgag cggaggctgt cggggctgcc cgtgtaccgg atcatgtttt ctgccagggc      360
aaggatcacc ccccgacata tgtgaggcca cacagcctta cccatcactt accatgcatt      420
ccttgctccg gcagaaacca acgactgnct gatcattcct gccattgggc gggctgcacc      480
cttggcttgg gttggtgcac tncctgaact gggatgcttt cttaccactt caagaaacta      540

```


tctgtggctn attctaccac ttaaaactcc cctttttctg

580

<210> 1250
<211> 288
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(288)
<223> n = A,T,C or G

<400> 1250
tccttttggg gccggccatt aaatttttaa nattcttttag ttttaaggact gnttcctgac 60
tttcctgaaa atctctacnt tttattttaaa aaaccagttg ttgttcgaaa gccttcttgn 120
gaaggaacag aaaaggataa gggatgctaa attccggctg gattctttaa aaaaagccgg 180
attcanccgg ttgggttcga tnttataaaa accaagccag gccttccttn ccaattngga 240
aanatgaatt attttnnagc cctttggccc tgggcccatt aaatttgg 288

<210> 1251
<211> 430
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

<400> 1251
gcttcagcgt tgagaagaac agtcttggca cttgcataca tactcttcct gttctaccct 60
cgctcacacc ggtataagcc tccatctcaa ccgttggctt ttccctacaa gatcttccac 120
aacgtgtgtc cgtcttccag tcaggcctgg atgcagccgc tgctgcttgg agcagagatg 180
aagaaagtgt tctgcttaag tggcttactg cacgatgagg accagaataa aggggatata 240
tccttctttc ttctttactc cttattgctg cctgggacat ggacatcatg agtgggnttc 300
tagcagtcac cttggaccat ggagtgcct tgagaaagga agttaccgga tcgaagatga 360
ccgacngaan aataaaaagct tntttttcaa tgacncattg gaattactnt nttcgggttg 420
gacttgcata 430

<210> 1252
<211> 465
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 1252
gtggggtctt tcagtccgca ccatgttcaa acaagaagag aggagaggag agaaccgaac 60
tgacttccca gccgaggtg tttcactgga caaggacccg aaaactatcc cgccacagtt 120
tatattggct tctttcccgc gcgctccaa gtctctcccg agccaccgct cccattgggt 180
ccgcgccgtt cccctgaac caattgccaa tgcccagtg tgacagcggc gaggttctt 240
gcagcgcgaa tccgtccatc aacacgcaaa ggccataggat tcgtaggcgc cccaggtggg 300
cggatccagg actcttcagg ggtaccccg ctaaggggng gctaagtctc tgaactacag 360
aaatgagcct gcttagaaaa gaaaacctag caaagacagc gaattacaaa cgatcttcaa 420
aagttactat agctttaagt ccataatgat tgactcctgg aggtg 465

<210> 1253
<211> 283
<212> DNA
<213> homo sapiens

```

<400> 1253
gtttctgagg ctgaggtggg aggatggctc gagcccgga agcagagatt gcagtgagcc      60
aagattgtgc cactgtactc cagcctgggc aacagatcca gaccttgtct ccaaaaattt      120
ttttttcagg ttcttaaaga agcaaagctc agacttccct aaaattcttt atcttagcac      180
cctcctctgc taataggaag tgtgagcatc tcattctatt agaaactaca tgtgtttcag      240
ccaaacaccc agtgcagacc tatgcttata gcagaaaaaa aca                        283

```

```

<210> 1254
<211> 509
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(509)
<223> n = A,T,C or G

```

```

<400> 1254
gacttgtccc ctgatgagca catgggacaa tcatccaagt agaatgaaac cagctgggag      60
aagccaccac acatcccctt canaaacagc anctctccca cgcttgactg acttcctggt      120
gcctggaact cctctgagtg gagcaactct attgactgag attatctcca taaagtccag      180
gtgaagggtg aaataacaat ctaccatttt actgattgtc aatttcctgt ccaataagaa      240
aagaataaga cttcagggag gcagggcagg caacaggcac gtctgagtcc atttctcagc      300
tgaaatctan aanaaantga ggacctcaat cccccaaccn tggagcaatg cantcctgcc      360
ggtntgcttg taggggtgct nanaaccaa ccttcccca cctgagcctt aanatgagtc      420
ctcatccctg gccagtacct gagngnggac ttgtgagnga gccagccag cnttgccaca      480
caaagattcc tgaccacaaa aaactggga                        509

```

```

<210> 1255
<211> 460
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

```

```

<400> 1255
gctcatgctg ttgttcaggc tggagtgcag caggcgtgat cttgactcac tgcaaccact      60
ggcttctggg ttcaagcgac aatcctacct cagcttctca agtacttggg attataggtg      120
catgtcacca cacctggcta atttttgcat ttttaagaag gaatggggtt tcaccatatt      180
gggcaggctg gtctcaaaact cctgacctta agtgaatcat tcnacctcgg cctccaaaaa      240
tgctgggatt acagagatga gccactatgt ccagctgata aaactcttaa cagaagcttc      300
actttattca aagccctctc tcaggcatgc ccttgagcaa acacacacgt aacacataca      360
cacgctcatc attcagtcca tttnttaagt aagcaaggta tctgaatatc tgagtacatc      420
tgagggccag atactgaaga aatccaataa aagtcaaatg                        460

```

```

<210> 1256
<211> 181
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(181)
<223> n = A,T,C or G

```

```

<400> 1256
cacgatgtgg aaaaatgaga gaagggacac attcaaccct ggagagttca atggctgctg      60
aagctggctg gtttttncct nttgcaaggc cttntgtgt gtgatngca tgcnaacact      120
ttgttcgtgg gtcacccggn aataactaang agatngtttn attgccccca aggcacttca      180
c                                                    181

```

<210> 1257
 <211> 605
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 1257
 gttcttcaac ttccacaaca gtggcattct gccagagctc aatcctgggc ccctttctcac 60
 tccctcgact agctcatcac acgcatggct tccaactcca cggccgtcca cacgctgagg 120
 gccccgcgt ctccatttcc agttctcgcc tctccctcga gctccagatg cgcatgtcca 180
 gctgcctcct ggacatcttc ctttgaatgt agcaaggcgg gtccattcct gcgttctactc 240
 cctccctgat cagcaccaca gtcgatccag cagaatgcga gaacctgag agcagcgacg 300
 gngatggttt ggcttagtgt ctaactcaca gcctggttac agaaggcccg ggacaaatat 360
 tgaaggatgg atggatggga tgacagacag atggacatat caaaaggaaa tgagactttt 420
 gccatacta gatttaagta acacagagcc ccagagccac caccttcctt taccaaattc 480
 taaaccaggg ctattcatgt caaccctgc tgcgngggt cacacctgta atccancac 540
 tttgggaagg caaggcaggg ggatcacgaa ggcaggagtt cganaacaag cctgggcca 600
 catgg 605

<210> 1258
 <211> 515
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(515)
 <223> n = A,T,C or G

<400> 1258
 tattcttcct tggatgaaag gactaggaga aagccctgca accccacgag tccgcccgtt 60
 tggtgaaatc agttcaagat catccaggct tgcaaaactc ggctgaagca gcttggtgca 120
 taattttacca nagaaaagag ggccatctgg agagccaatc tggagaactc gagcaaaggc 180
 agagtctttt tttttccctt ctttaagtatt cctgattgac tccctgccta tattgggcct 240
 ccgcagtgtc tggcccgcat cctgaaagat ggcagtccag gtcaaaggcc ttggcctcct 300
 ggctttgaac cctggcaaag cactgcctgg ccacaaactg ctagttagccc caccacacat 360
 agctgtgcaa ggttctcaga cacctcccac ctgtcttacc ccatgacacc gtgggggcct 420
 gtgtcattcc caaggacagc tggtttacgc atatgcagag gangcaagct acccacaaa 480
 ggatgcggga aagctctacc caatttaaaa aaaat 515

<210> 1259
 <211> 425
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 1259
 aacatgcagt acaaacctta acttttctaac agaaggaaaa tgacttttgt ctaattcaaa 60
 ggttataaag ggcatacaag tccagatgat cctcagngag gaatacatcc tctcaacatt 120
 caagagttat cctttctacac tggaccctta cactgcccac tagtgggaca tgacagaggt 180
 taaatcctgc ccctttctct gttggacttg gctggaaact gctttcatga acccacagag 240
 tcacctgccc taacagctag caggaggcca agattcacag aacaacaacc accggccctc 300
 tgtgagcagg gagcagttta caaaaaactg ggggtttgnc catttttccc ccaaaatttg 360
 ggggtactgg actcttgagc ggggggaatg ttacaagtag gtaagtcagg cagacatgag 420
 caggg 425

```

<210> 1260
<211> 136
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

<400> 1260
gattttctttc tccaggaaga aaaatggcat cccgttgcag ttggatccca caacccgagt      60
ggtggngac tccgggtggg ncaacctngc ccccntttga gctacacngt ntgacttcat      120
gccccccagc ccatct                                     136

<210> 1261
<211> 532
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G

<400> 1261
ttttacagct cccagcacag taggaaagag aanttggagc ccaancnaaa aggaacctgc      60
ccggaaggac ggatggtcag ggaaaattcc caaccttgac ttggnccaga accgtttctg      120
gtgccagaac cccttcttca gaaggaangg aaaaangccn agaaattaaa aagaatgaag      180
aagggacttt tttccagcag aaacatcttc gaaaaaacag ccctgccnca cttctttgaa      240
agttcctggc ccatggtaac ccaaagaacc ctggagggcc agcaaaccgc ctggtgcttg      300
tccgcttggt aagcaaagaa cccggcttgg ccacattttg ggaaancccg cacttggtant      360
ttnaacttta aatccaaatg gtnggtattg gggaaggggg tttggaaaac ccaagtttgt      420
cttcctgggg gggggaanaa aaacaaggnt ttnattttt tgngggcttg ggggnttttt      480
tncccccttt ttaaatonta acctggcctg gttggacatt tggacccttc at          532

<210> 1262
<211> 368
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 1262
aaaacatatt tccaacattt ctgggggcana agaaggatna tgaaaaggtc tttttggaca      60
cttnaatnga ttggttgcca agaaatgggtg gctgctgatc tggggcctga ataaaggntt      120
atcgaatggg tggngngaag gaaggctcan atgggtggga cagtctggct atcacgtcca      180
tctgcatggn cncgggaggt cagnaaaatg catcgccctn ctggttaaac accgttttgg      240
ggataatttn ctcttcttta ggcaatgatt aagntacgcc nttntccagt atggtnagga      300
acacacttaa ttttggcctg ggnnttgggg agnattnaag naattntttt taaaaccgct      360
tacttttat                                     368

<210> 1263
<211> 362
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(362)

```

<223> n = A,T,C or G

<400> 1263

aaagtgtggc	taagaagtat	gatgngatga	atgatnttga	tgagccttgg	tatccatcgg	60
ggtttgga	gatttgctgc	tctggnaana	tncccccggt	ttatggcanc	cncctnactn	120
ntatgcctgg	ncgntncctg	accattangn	tcnantnaca	tnatnttgtg	aaatccccctn	180
ctnatgaaaa	actaaaagag	cnagttgtgg	ggccnncctt	ngnttacnca	ggggaataac	240
tnccaccaca	tcccataatt	aactacantt	ctttggggccg	gttcnaaacc	cgcaggttgn	300
anttgaaanc	aancccagac	cttttttcca	aggccaataa	cccngaaaag	aacttttaggg	360
gg						362

<210> 1264

<211> 563

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(563)

<223> n = A,T,C or G

<400> 1264

gtgtcagctg	tgaatgcatg	tttaaaagga	aatttttcgag	gtccgcagaa	tantaaagtg	60
gtttaaat	ggcttaacga	atancgaatc	ttttggtgcc	ntctttggtt	atggaaaagg	120
tgggtggcaa	ccaaccaacc	aaggggcanta	ccaactggac	cgcgcccaat	gccagtggca	180
ntaattaacc	aagggggtaa	gaatttttgg	atttaatacc	tatgggtggg	gggaaagctt	240
ttcttctt	aagaagcaag	cccacaggtc	ttttactttg	tcccttattg	ggggaaaaat	300
gggctatacc	ggaagaccat	ctcttcaaag	aacatgttac	ttctgaacat	gccagaaaca	360
tcaacagaaa	gtgatttgtc	ccaatatgtg	cagccggtac	ctgggangcc	aatccccaat	420
cattntcacn	ggattgactt	tgcaagctta	atctttacac	tttggaacaa	ccagaacccc	480
ctaanagatt	taaaatgaaa	tccgaggngg	gggttccgac	atgtaccgta	anaaatgggt	540
tcaccctggc	cggggggatt	tag				563

<210> 1265

<211> 456

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(456)

<223> n = A,T,C or G

<400> 1265

tcctgaggaa	gattgacatt	tgccacacct	gcataaagaa	cccacttggt	gaaaacccaa	60
gttttcttgg	agtctgctgc	tgtgagacac	gaggaaaaaa	cagtacatgt	gtacacggta	120
gatctggaag	ggaaagcaga	aagtatccaa	cacttcttgc	atgaagaaaa	caaaatgtgg	180
atccttctta	ctccacgttg	aatgaaagca	gaagtttgat	tatacagttg	tttctctcagt	240
atccacaacg	gatttggtcc	aggagtctga	atatctgtgg	gctccctatc	ccacgaatac	300
tctattttca	atctgcaatg	ggttgaaatc	atgtatacgg	aatccacaga	tagggaaggc	360
tgattatnta	ttgattaaaa	aatcggaggg	gttgngacta	ctctgtaagg	gcatttttga	420
atcctgcaca	aaatttaatt	tacatgtgga	gactcg			456

<210> 1266

<211> 494

<212> DNA

<213> homo sapiens

<400> 1266

gtggaatatc	acccttacct	caaccaaagc	aaactcctgg	agtactgtaa	gtccaaggac	60
attgtcatga	ctgcatattc	tgccttgggg	tctgactcag	acaaagactg	ggtgaaaaaa	120
ggaaaccag	ttctccagga	ggatccaata	ctcaatgcca	ttgctgaaaa	gccagggcga	180
actccagccc	aggttgcctt	gtgctaccag	ctgcagcgcg	gggtggtggt	cctggtgaag	240

agcttcaatg	agaagagaat	caaagaaaac	ttccagggtt	ttgacttcta	gctgacacca	300
gaggacatga	aaaccacaga	tggcttgaac	aagaatatat	gccatttgta	aatgtctatc	360
ttttctcatc	acccagatta	tccatttctt	gatgaatata	aagaaaagag	tctgtgggtg	420
ttccagagtt	tattgatttg	ggttgagatg	aatagagaat	atctcatgga	tgggaagggt	480
tctagtttat	tcca					494

<210> 1267
 <211> 245
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(245)
 <223> n = A,T,C or G

<400> 1267						
ccgggaggat	ctgggagcat	aaccgccta	ncaacgagcg	gctgggcctg	cctttgccag	60
acgacnaaac	cgggttaacnc	cnnctggan	ntagacctn	accaaacca	attgaatcnt	120
gcngnaaana	gagangtaag	gcngcctggc	ctgacngcaa	nacantgct	ttctgnctga	180
aatatgcanc	gcggncctng	cngagngatn	actggtttct	aaagataggt	gaccctggat	240
ttcta						245

<210> 1268
 <211> 194
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(194)
 <223> n = A,T,C or G

<400> 1268						
ctaactctca	ccctantcta	tcctgcncaa	atcatttcca	tctttttttg	gaaagaacct	60
gggaggatgt	cagaccagat	aacagcacag	aatggaccag	agagagnctt	gctctgtnac	120
ccaggctgaa	gngcacccag	gntgaagttg	gaggctatgg	cgagctgtac	cactncacca	180
ctatgggagg	ccca					194

<210> 1269
 <211> 482
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(482)
 <223> n = A,T,C or G

<400> 1269						
gatggaaagt	ttccttttga	gaggagaaaa	aaatggtgaa	aagaaaattc	tagcaaataa	60
aaaatgattt	gcaaggcttc	tcctgtactt	gctaaatggg	aaactgaggc	ccanaaaagg	120
aaaagtattg	tgcaagacca	cacagccagt	ggatggtaga	ggggtgcttc	aaaccagcgg	180
tgtttgcttc	caagatctgc	gtgattcccc	aaactccagt	caggtctccc	tggtccccgc	240
tgctccctgc	agaggtctca	tcaaacgcct	ggtctgcctg	caccatgcag	cctgnaagat	300
ggagtctngt	tccgtcgccc	agactggagt	gcagnnggca	tgatcttngg	cttanttgga	360
acnttttgcn	ttccaaggaa	taaaatggat	tttctntnc	ntcaccctcc	ntgaanaggt	420
tgggggggtt	acaggggtgc	ccccccacca	aagccccggg	nttaattttt	ttgtattttt	480
ta						482

<210> 1270
 <211> 378
 <212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(378)

<223> n = A,T,C or G

<400> 1270

gctaaactga	gtgactcgca	ggccccacatg	gtgagaaatt	gaagggttctt	gcaaagtcac	60
atgaatgagc	tcggaaaaagg	aatcttcagc	ctagtcaagc	ctcagagact	gcagccccgg	120
tcaacagctt	gacttgagag	tttccaagtc	agaaccaccc	agctaagttg	ctcttggatt	180
ctttacccac	aaaaactgtg	aacgttaaat	gtgtgttggt	ttaagcagca	aagtttgaat	240
tcattaaata	atgcaggcat	ctttggtgtt	acttggcaga	aagaggcaac	tcccatattg	300
ttactcatat	attacaagtg	cacttcttca	tcaatggtcc	cttatttcct	tncccccagc	360
ctcctgaatt	aaaacgtg					378

<210> 1271

<211> 510

<212> DNA

<213> homo sapiens

<400> 1271

gagcatcagt	cacgaaccta	agatgggaag	gagaaagagt	tttatccctg	acacagaaca	60
cctgaagaag	catttgcctt	tcgaatcgac	aggaagtcac	ttcttccctt	tgaatgccag	120
gaaggacagg	tgaaattacg	gatacctaagg	gttttcagaa	cttggtgatg	agactataaa	180
acagccttct	caagatgtat	tccattttat	cattgacata	aaaagtaaaa	tcatcatctg	240
agagtgggcg	ggatgggtatg	ggggtggctt	tcttgttggt	gtcagggtta	ttattattta	300
catctgttaa	aattcacccc	ttttcatgca	gagtttcata	aggtttgaca	cacacacaaa	360
cacacacaca	cacacacaca	cacacagttt	ttgctacaat	cagtatatcg	aacagtgtca	420
tcacccccct	gccccaatte	ccttgcgccc	ctttgtagtc	aactcctctt	ctctccccag	480
accaggcgag	tttgataag	aaagccacac				510

<210> 1272

<211> 514

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(514)

<223> n = A,T,C or G

<400> 1272

ttctgttttt	gccttgggat	tttgaagatc	cattttcagg	ctgctctccc	anactcccca	60
nagcccttta	natcccagtg	gaccacagtg	ccatcttatg	gccaagcaac	tgaggaaaag	120
gacttctgag	gccacagctg	gaggagggagc	ctggaagaga	ggctgcatct	gctcacatca	180
ccgtgatgtg	cattnccttg	tccagctgag	actgccctgg	gagagaaact	caacncaggg	240
cagagtttnc	cttgacacag	gctgctcaaa	aatntganag	tcccancctg	ggcagtgttg	300
gggaaactcc	tatgggacaa	tgtcttccac	tggctggatc	aaaatctcat	gaagacaatg	360
ccaactatat	ctaccactga	ctttgtgtgc	aaaggaangt	ggctgtgggg	tgaaagcttg	420
tgcaagaagg	cacaaaggtc	tgggagaagc	tgctgacacc	aaagnccat	nttttgnttt	480
taaaaaaaaat	cacacaccct	taaggatctt	gata			514

<210> 1273

<211> 401

<212> DNA

<213> homo sapiens

<400> 1273

tgtgatttca	ttatgaagtc	agatggaatg	aggagtgtgt	aaatccagaa	tcagaatccc	60
agcgacgaag	cttttcttgc	tctgttacct	tggatgaaga	aacaggctgc	aaggccagag	120
ctataatgtt	aaaaagggtga	agactcagga	tccaaactca	gagatggatc	tcaaaaaaga	180
aatcaaaact	ggctcagatt	tcccaaggat	ttccatatct	atataactaga	agataattca	240

gacttatgca	tctgagaagg	gaacatatta	actgttactg	ctcttgatgg	cagcaaacc	300
tgagccagga	ggcagcaatg	tattggaaag	atcaacatct	gcccaagata	aaagcgaagt	360
tgtggcaagc	actaagtgtg	aactcacagt	aaaaagaaaa	a		401

<210> 1274
 <211> 221
 <212> DNA
 <213> homo sapiens

<400> 1274						
aaaaagtttg	ctgaccctgg	tttacaagta	ttcctcaggt	ccaacatgaa	aaggggagtt	60
caggctggac	aaattgttat	tttaaattct	ccaagagttt	tctcttcttt	gtaggaaaat	120
ttggtcttct	ttcaggaaat	gtactttcct	aggcagatcc	caaatcgcat	tctggaatga	180
gaagattcac	aataaaaaac	taagatgcct	gcaaaaaaaa	a		221

<210> 1275
 <211> 246
 <212> DNA
 <213> homo sapiens

<400> 1275						
gagctgcctt	gtagagtcca	agcagacacc	atatggaaga	gaaaggcccc	aggggctaaa	60
agatcaagag	gagagagagg	aaggagggag	cagatccagc	cagccccag	ctgttcaagc	120
catctcagct	gaagagccag	tgtcaaccaa	caccctgtga	agcagagttg	acctagctct	180
gtcaagtcct	gtccaattgc	tgaattatga	gcaaataaat	gagtgcgtgt	ttaagctaaa	240
aaaaaa						246

<210> 1276
 <211> 494
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(494)
 <223> n = A,T,C or G

<400> 1276						
acaagaggaa	agtgatgcca	gagaaangat	ccaagaggac	ctgtctgtct	ctaaaccttg	60
gacaatcatt	tttctgaaat	ttgttgagtt	ggagtagatc	tgagaaccgt	tccaggtaaa	120
ggaatttgta	cccaaaggag	acagccagct	atcagcaaga	ttttcttacc	tttaaaatgg	180
gaagatcttt	gaaggcagaa	aacacctttc	tacactaatt	tttcccttct	caagtacaac	240
ccagacattt	gactaatact	actagcataa	taagagccaa	cctttgcaaa	tagtaatttc	300
tctcaataac	ataccatgtg	ctttcacagt	gaaaaaggaa	gcategtgaa	ttaagattct	360
agagacatca	gttctagttt	cagttctgcc	attatcctgg	gattttacttc	acagcaaadc	420
accaagcttt	cctaggcctc	aatgcctcat	tattaaacat	aataaaacat	gcagggcaag	480
gtgctcacgc	ctgg					494

<210> 1277
 <211> 439
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(439)
 <223> n = A,T,C or G

<400> 1277						
tgacacccgg	gctttctgctt	acagctggag	gcattggcca	cctaccttcc	ttccttggct	60
gggagcatca	acagccaagc	ccctttacac	ggcagtcate	ttgatgagtt	gctggggcca	120
aagcctgccc	tcctccctc	tgtaaagcagt	atggattcct	tgtggccttc	tgagccttct	180
ccttgctact	caagagtttc	caaatacaaaa	gacttgcagc	ctgttccctgt	tttttaaaa	240

ggaagtcaaa	gaatccgaag	tgtgcttgga	gcatagaact	agcgcaagag	ggcgctagt	300
aggcggtg	gcgcggg	ccaggagcta	gggtttgaaa	acagacttcg	gtttgagccc	360
tgaatctgnc	cttaaaaaacc	tgtgtgccct	tgggaagcga	taataatata	tttaccaaaag	420
tcagactaga	taaccccat					439

<210> 1278

<211> 280

<212> DNA

<213> homo sapiens

<400> 1278

gctggagtgc	agtgggcacg	atcatagctc	actgcagcct	tgacctccct	ggctcaagca	60
atcctcccgc	ctcagcctgc	tgagcagctg	ggactacaga	agcgatggcg	ggagctgaag	120
cagccatatt	ggacccaaaag	atagaagtca	cctactgagc	aagacaagaa	aaccagcaa	180
gatacaagga	aaacggaaaa	tggttccttg	agattgtgga	gctgccgtgg	aagccctgga	240
ttgtttgtca	tcagactatt	atatgcaaga	gaaacaaaaa			280

<210> 1279

<211> 438

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(438)

<223> n = A,T,C or G

<400> 1279

gatggagtct	tggctctgtc	acccaagctg	gaagtgcgaag	tggcaccatt	tggctcactg	60
caacttctcc	ctcccgatt	caagcgattc	tcctgcctca	gccgccgaag	tagctggaat	120
tacaagcgtc	caccaacaaa	cctggctaata	ttttgtat	ttagtaagag	atgggttttt	180
gccatgttgg	ccaggctggg	cttgaactcc	tgacctcaaa	agatccgtct	gccttggcct	240
ttcaaaagcgc	tggggttaca	gccgtgagcc	accatgctcg	gccttacaaa	tatcatcttg	300
aattgtaatt	cccctaattc	tcacacataa	tggggaagga	cccantgaga	aggnaattgg	360
atcatnggca	gcctttcccc	cccattgctat	tccttgaagg	ngaagttcat	tctcaagaaa	420
tctgatgggt	ttaaaggg					438

<210> 1280

<211> 448

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(448)

<223> n = A,T,C or G

<400> 1280

agtgagtgc	cctagctcag	tggagaagaa	agatgactga	gaagctgcaa	acttgggccc	60
aagataatca	gaataaagaa	tccccatggc	ccgcagcttg	ccttgctcct	ccactgcatt	120
ctacaagggt	taaggatgga	agaacagaga	tgtgtgaact	aggctctgta	gacgtcctcc	180
ctgggttggg	gtcccagctc	cacttctgac	agctgtgtga	tcattggaaa	atcactcaac	240
atctctgaac	ctaagtgtcc	ttatcagttg	aatggagcct	gtaacgggtg	atatctcata	300
ggggtatgcc	aaggattaac	caagaaaata	taaactgtgg	ccagaaatta	agcactccag	360
aaatactcgc	tnttattgga	aacattatga	aacattgtga	accagggtg	ttttaccttt	420
aaaanggtnc	atagattttc	taggagat				448

<210> 1281

<211> 455

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(455)
 <223> n = A,T,C or G

<400> 1281
 tgaatcttgc tgctgttcac tctttgggtc cacactgcct ttatgagctg taacactcac 60
 catgaagggtc tgcagcttca ctectgaagc cagcgagacc acaaaccac cgggaggaat 120
 gaacagctgc agacacgcgg ccttaagagc tgtaacactc accaggaagg tccgcggctt 180
 cactcctaag ccagcgagac caggaacccc accagaagga aaaaactccg aacacatctg 240
 aacatcagaa ggaacaaact ccggacacgc tgccctctgag aactgtgaca ctcaccgtga 300
 ggggtccgcgg cttcattcct gaagtcagtg agaccaagaa cccaccaatt ccggacatgt 360
 ttcctcactt cctttatagc ttattttaa atgtactttct cgaggttgtc tttgaccatc 420
 cttngtgaaa cagcactcct atcaatgtca cctaa 455

<210> 1282
 <211> 453
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(453)
 <223> n = A,T,C or G

<400> 1282
 gagcaaatga gtgatgccaa caggaaatga cgtggaaaga gatgacttct ttggagcagc 60
 catgatggag ttagaaagga gttggaggat gagcagggcc tgggagtccc tcatcgctca 120
 gactgtactg atacatgagt ctctcagaaa gacaacattt tctcctccta aaggaagcag 180
 ggctggagta cagtggcacc gatcacagct cactgcaccc tcaacttccc aggtcangt 240
 gattctcctg cattagcctc ccgagtagct gggactacag gngtggacac attgagaagt 300
 cactatctat gaactaggaa gcaggatctt accanacatn gaaactgctg atgcccttat 360
 tttggacntt ttttttnnnc ctccaaaact gnganaaata aaggcctgtt gtttntaagc 420
 caaaaaaaaa aggcnggcga ggccccattca ctt 453

<210> 1283
 <211> 314
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(314)
 <223> n = A,T,C or G

<400> 1283
 tcccaccttt tgagcaagtt naggctgggtt aagtccaagc tgaattggcc aantcntttg 60
 gctttntacc cagnnaaaaa tactantaag nccnccnccg tatnttttnc cccntctnt 120
 ccacagagna aaattgnaac tcttggaact tcaaggtgga ttcccgcctt gccctttggc 180
 actaanaaaa agttgnntgg ggaanttccn agggtngtng anaccactt ggtgggtattt 240
 tggctttttg ggnttaaaca actttttttt ttaangggga aattaaccaa ccaaaantccc 300
 cccaaaaatt attt 314

<210> 1284
 <211> 425
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 1284

gctgaggatt	acaggtnnga	agccnccatg	cncannctgn	tgatacactg	ttactttaaa	60
atgctgattg	ttgattatga	ncacaanccc	antgentant	natttgactn	acnaanctng	120
agtgcacact	gctctgtgcc	agacactgaa	gatggagcag	tgaacngnac	tgaccaanc	180
ngacctnctt	ttgnctgcng	gncaaaaana	angtctngnt	gagttaccct	ggctggagtg	240
caatggctac	ttacaggcat	gatcatagcc	tactgaaagc	tanaactcct	ggactagagc	300
aaatntccng	cctcaagcct	ncanagnaac	tggaactgca	gacacgcacc	acatagccca	360
ngctgagnna	ttttgattct	gtactggctt	tctctngggg	gggcaggctt	aaaacccttc	420
acccc						425

<210> 1285
 <211> 587
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 1285						
gattatgggt	cagtctgaga	ccaggatcan	agttcgttgt	gaggctatca	aanattacag	60
ttgcacaaat	tctaccttgc	ctagggtctt	tctccgtctg	cctgacctca	aagattgcca	120
tgtgtctcca	cctcttccgg	tatgacttat	agagggcccc	cagaagagca	tatgacttca	180
tatccaaagg	aggaagaatg	ttcataaaca	agaacttgat	ttgctggaaa	actgccccca	240
ttgaccttat	cctatagcca	tggcacattc	catttgccgt	acgtaacatc	caactcaaga	300
ggaggctgcc	caagaactca	cttggtctga	aagccaaaat	gactctctaa	gaacattcct	360
ggcagtctcg	ccagctgcgg	gtccttcggg	ggctccgcaa	ctttcctttc	gtcagcgcag	420
cttcttgcca	ccctcatctt	cagcatgcct	ggncccgacc	cccagtggca	ctaattnggg	480
atcctcagga	cactnttcca	acaaagccgn	gggccgnccc	ggcagcaaga	tcaactggccg	540
gcanaggaaa	aatggcaact	tgggggacaa	ggaacgcaag	cccggac		587

<210> 1286
 <211> 529
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(529)
 <223> n = A,T,C or G

<400> 1286						
atgctgcaca	cctgggtccg	cagagaacac	tttgagctga	tggagtgaat	atttccagga	60
cagaggagaa	gctatcttct	ctagactgga	taaacaaggt	tctggaaggt	ggngagccan	120
caggcaggcc	tgggactggg	aagccagcac	tanggtcag	ggcttctgtg	gctgcagaga	180
catgatctcc	atccccacc	cacgggctgc	actgggactt	acttgttcat	gagatcaaag	240
ccttggtctg	acagcagggc	cctgaagtgc	ttgtaaaggt	tgttgatagg	gtagaggccc	300
taacccttgc	cagtcaagtc	cagctggcct	ggccctctcc	tcctagccac	cctctaggctc	360
ccagcttccct	ggatgtctna	atgacaaaag	ctgcctactt	ctccccacca	gtggagcagg	420
actaaagact	gaaaaaggct	ggctacccca	atggcctcac	ttgctgctga	taaagtgcc	480
caaatgtcct	tgtgaggang	gctgagaccc	cagccagtgg	ctgtgtgat		529

<210> 1287
 <211> 425
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 1287

gtttgatacc	ctccaatgaa	gaccatgttg	gggcattgac	cggcctagga	tattcaagca	60
caaagtcata	tcttanccn	caaacagaga	ccttctgatg	taaaanggat	tatatccaca	120
tgtcctcttg	aggacnctt	gatacccatg	gtnttaatac	nttgnaaaac	ccactctgnn	180
natntgatcc	cggcttcnn	gcaaattaac	aagggaagtt	ggccacttcg	tttgnggaaa	240
aaaagtcatt	gtggttcttg	aaaaactttt	gttgtaagca	ccttgggaaa	tgtanggacc	300
acanggggtc	tggggctttn	ttgcttgaan	tgtattgctc	ccagggggaa	cacnggaaaa	360
accccttga	aanaagggnn	acaccaagat	tggtangggc	cccaaataac	ttcaagccca	420
gggat						425

<210> 1288
 <211> 554
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(554)
 <223> n = A,T,C or G

gtgaggaact	tggggctcag	tgagatggag	tgactttgac	ctgcctgatg	ttccacagcc	60
agcagggtat	cattctgccca	cccaggctgg	agtgcagtgg	tgtgatcaca	gctcactgca	120
gcctcgacct	cctgggctca	agtaatcctc	ctgccttggc	cacccaaagt	gctgggatta	180
caggcatgag	ccaccatgcc	ccaccaggat	tcactttttc	tgcatactct	gggtgtgttt	240
attgttatct	ttacatttta	tttagcaaaag	aatgttaaaa	gcgccatgtt	ataagcacac	300
tcctaccctc	caagcagaat	gtaaagggtg	tgtatttata	tattttaagt	ggccccacag	360
caatttgtac	agttatagca	agttcacaac	tatactcagn	tatgtttgct	tctctccttc	420
tcaataagtc	tgngangntc	cttcaagggg	tggactggc	ttttattaat	ctttacatct	480
ccagcaccta	acgcanggct	tancaacaat	tttggtgaag	tatatacact	gtaataaaaag	540
gcagtggaag	agaa					554

<210> 1289
 <211> 575
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

gaccggctct	tcagggaagg	acatccccac	aaccaggacc	cctggcaaag	aggaattaaa	60
gaccagttg	tggtgtgatg	ttcattattc	agatctcgga	gcgctcacgg	atctcttgga	120
tgtccctctg	caagctcaact	gatgagactg	ctacttttatg	taccactgct	tgaaaaagaa	180
gggaatctcc	tatttctcac	acaggataac	acgtcactct	caggatatga	cagcatcact	240
tttgaaaaac	aggttggtgt	cttttttttt	aaaagattta	actgcctgat	caaatagttt	300
tacaagaata	aactcaggaa	acaggttgag	aaatgagcag	ctgagactgg	agtgttctact	360
ttgcaaagaa	catactacga	aaagatctgc	actctaggag	gtctcaactg	atgaggaaga	420
tgctagcaca	gtgtcctatg	gtcagaaaag	atgacctggc	aagaagggga	ggtggaggaa	480
aagcnnghaa	ggggatncct	tcatgctgaa	atcaatgcca	tgatgtctga	tttatacaga	540
aaaaacaggc	ttgnattaaa	tatgtccttt	ataag			575

<210> 1290
 <211> 196
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(196)
 <223> n = A,T,C or G

```

<400> 1290
accttttgag caggttcagc ctggttaagt ccaagctgaa ttggccaatt cttttgcttt      60
ttacctnct tganttcana cttctanacan ccngactgt gaccaccaca ttttttcnaa      120
gnaaaaacgg ntccgtttca tcnnncttgg tttnttaant natattttac cctaaacaaa      180
acctaattatt agaaac                                          196

<210> 1291
<211> 311
<212> DNA
<213> homo sapiens

<400> 1291
agatgaggtc tcactatact gccaggtctg gtctcgaact cctgggctca agcaatcctt      60
ctgcctccgc ctcccaaagt gctgagatta caggcataag ccatgacacc tggcctggaa      120
gcttctaaaa ggacttcaag acttcctttt gcagtgtgat catctctggc agggccagag      180
cttcctcctt cctgtgccag tgtttctctg ccagtgacaa ggcaagagtc atcaccatcc      240
tgaggctcag aacctcagat tgctgtgaat ggttcattgt tcaggcttca gaagggtcccc      300
cctctaccta a                                          311

<210> 1292
<211> 420
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G

<400> 1292
aatcaagaaa acaattcaat aagaatccat tttccttggg aacaggacac aattgaaaac      60
actgggttatt taaccaaaag ttcattctgaa atggcatatt ttacggatat gacgagactg      120
ctttgaggaa ttttaagtggc cttataaaag ttgataaaga gccctttaga aagactggcc      180
tagtacctca tctacttggg tcccttagga gcctaggaac ctcaagatat ttggggacct      240
caagaagaga gaaattcact caatttatgc acatattaca ggcatagtct aatgggtgaat      300
cattggcttg gtttccccgt cttaaaangc tttttaaaaa gtccgaattt gagattcttt      360
atgaaaacat tccagcaaaag tcaacttaaa aggccctata tgaccattca ttattcttgg      420

<210> 1293
<211> 442
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G

<400> 1293
actgagagga tttacaaatt acactccaaa acaagatagc cacagagcat actacttctc      60
ctctgaagtc gctctgaggg cctccgcata agtccataga ttggaagatt ggtggacaag      120
aactgggatg ttgatggggc actgaatatt tgctggacac caacctcctg ttacctaaccc      180
ttacagaggg cccagatctc acctgcccaa atcagacatt ttaacacaca cacctntcaa      240
cagcaggact tacagacaca aaactctgag gtaaaggatt gtctcaactc cctgggtgtct      300
caacgaacta aaacactgcc tagcgcaggt gcaccatcaa ccttattcac taaatacacc      360
tctgtatata ttcttcattt ttgattgggg aaatgatatt aatcaacata aaaaatgttt      420
tatagatttg gactaaaaaa aa                                          442

<210> 1294
<211> 146
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 1294
ttataaggtt gaacacattg ngcacnnaatg aaaaggagaa angatataag gataacagaa      60
atttcacaca catcttttgg aaactgaatt acggnngagg annaacttga ttaacaatna      120
gggagagann gctctaacc tatgga                                           146

<210> 1295
<211> 444
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 1295
tttctctctt gtcacaatgg catgatctcg gctcactgcg acctctgctt cctgggttca      60
aggattctcc tgcctcagcc tcccaagtag ctgggattac aggttacatt agttatacac      120
tctggagggtg acttgacctg tcattgtgaa caattattgc tcttgacga cccaggacat      180
aggccagcca gtacttacct cagtgtgttg gagaatcgcg ctcggttct tcctctgtgc      240
tgagtcatga aagttgccgg agcagggtgca gttacacaac ctccagggtat gatcctgttt      300
aaggactgga tttaggataa ctacttagag gtcaaaagtc acaagggtgt atggatgagg      360
ctggagtgat ctgggaccaa agacatctag gctttgctgn caaggctttt gatcaacatt      420
gagatgaccg cccgtgttgg taaa                                           444

<210> 1296
<211> 304
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(304)
<223> n = A,T,C or G

<400> 1296
ggtgtacacg gatggaacat gagagcggac cangagcgtg accgctgcac tgacgcttcc      60
gctagaccac agtctgnctg gcgacgggtg tcttccana cgctggcatc accgctanac      120
caagganccc tctggcgccc ctgnncgggc atgacagaag gctcacgcac ttgccttgtg      180
gtcacttgte actcaccatg ncccttcanc tcctatctct gnatggcctg gtttgtccta      240
cnttatgatt gtagagcaag gattattata atattggaat aaagagtaat tgctacaaaa      300
aaaa                                           304

<210> 1297
<211> 294
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 1297
ctcaacctgg aggcantgtg gtgctgttcc tgacattacc anacctgcc actgtcccct      60
ggatcccaac attgccttct gcctgggtcc tcactcttgc aacccaacga tggcctncta      120
aactagcaaa gtgctttggc tccttgtcaa taacaaaggc tntttttgaa cctcatcaag      180
tgaaactatg atnaatattt tatanatggc nctctgaaag caaaaggctc acacangcgc      240

```

acttaaacac acacacnatg ggggggttaa aaagctcaca tgggctcttt gaca

294

<210> 1298

<211> 466

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(466)

<223> n = A,T,C or G

<400> 1298

ttttaagggt	ccttcaacat	caggattccc	gatcatctca	tcaaccgact	tgtaagaaa	60
actgaggccc	agggaagtgg	ctcacaattg	tgtagaattg	tgagggtgtct	tgactgctgg	120
gccagaagtg	taactgctct	aggaaagaat	ttgactttta	ctcagactaa	aatgtcttca	180
taacaacagc	aaaacaacga	agtaggatct	catagaaagg	tcctcgttaa	ctgcctgtat	240
gcagagcagt	gggccttaag	ctccactgcc	tgtgctcaag	tcaccttcaa	ggcttgggga	300
attagattgc	ggagtcccat	cctcagagtt	tctgagctcg	actgaaggac	gtacgccctc	360
tcccgggaatc	gtctcagcna	cagagaacca	ccttgcccaa	ggnaccacc	ctcttgccaa	420
gggggtcact	tggatctaatt	gattggntaa	tgctgggggg	aggggg		466

<210> 1299

<211> 487

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(487)

<223> n = A,T,C or G

<400> 1299

atctatgcct	gtgagctctt	gacccagggg	ctgtatttta	ttaaccactg	tggtttgatg	60
cctaggataa	ttctggcaca	taacagttat	ttaaagcgaa	aagacgatac	ttaccacaac	120
ttgtaacacc	tggtcattgt	gaagcgagga	agagggaagaa	gatgangaag	aggaagagga	180
agaagaggag	gaagaggaag	aagaggagga	ngaatangat	gagggagagt	cagccatcat	240
ttgtgccaaa	gtctgcatca	tcgtttttcc	aaggagaaaa	aatgagctaa	acatggcaat	300
tacgccaaac	accattccaa	aattgaacct	gtcaaaaagg	aaaaaaatca	tgtaatttta	360
caattttctct	caattcatgg	actagcaaat	tcactaagca	gccacatttc	atagctttta	420
aataatggct	aaaaaatttc	agtaacctct	gcttcttttt	nctacatgaa	cctcaaatat	480
ttggctg						487

<210> 1300

<211> 362

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(362)

<223> n = A,T,C or G

<400> 1300

gcgattccag	gggggtagag	cgagggtgtct	ttcatgtacc	atattcgcca	ctccacgagg	60
cccgtggacn	gtagaggaga	ggatccatcc	tatggtggta	agggcgaaga	ctgaaaattg	120
gcagtcggca	ctgttgacga	accagaccat	ggtggcagcg	caccaggaa	actacaaaca	180
aatacagagc	atgagacggg	gtctccctat	gtcttccagg	ctggtcttga	actcctgggc	240
tgaagcgatc	ctgtcacctc	ggcctcccaa	agtgtctggga	ttccaggctc	attggtggaa	300
gggacttgcc	ttctctcaga	tgagactctg	gactgtggac	tttagaatta	atgctggaat	360
ga						362

<210> 1301

<211> 374
 <212> DNA
 <213> homo sapiens

<400> 1301
 gtcactgaag caggagctgt caccagggtat aatcagccag cactcaccgg gacatgaagg 60
 aacgcctttg cttctgtctt cctcatgggtt tttagataat aactcaacca attgacaatc 120
 agaaaatctt tgaatctgcc tatgacctgg aagctctccc tcctacactt ggctcccagt 180
 tgtcccacct ttctggacca aaccaacata catcttacct gtattgattg atgtcttatg 240
 tctccctaag atctataaaa ccaagctgta gcctgaccac cttgggcata tgacatcagg 300
 acctcctgag gctgtgtcac aggcatctcc ttaacttggg caaaataaat tgttaaattg 360
 attgagaaaa aaaa 374

<210> 1302
 <211> 424
 <212> DNA
 <213> homo sapiens

<400> 1302
 ggctggaaaa tctcaagctc actgcaacct ccgcctcccc gattcaagtg attctcccgc 60
 ctcagccttc tgagtagctg ggactacagg agtcagccac catgcccagc tttttgtatt 120
 ctgtagttag gacagggttt caccatgttg accaggctga tcttgaactc ctgacctcag 180
 ggatgtaccc atcttggtt cccaaagttc tgggatcaca ggcgtgaacc accacgcctg 240
 gccttcgtgt ttgagtcaca tttggttaat tctcccatta tctcaaactt ttccattatt 300
 gtatctatta tagtgatctg tgatctttga tgttactatt gtaattgctt tggggtgcca 360
 caaacagtgc ccatgtaaga gggcgaactc aatcaataag tgtgtgttaa ctgttaaaaa 420
 aaaa 424

<210> 1303
 <211> 128
 <212> DNA
 <213> homo sapiens

<400> 1303
 gatgtggaaa acctgactag aattgctggc ctgacatttc ctgtgagaaa agctctctgc 60
 ttggaatcct gtgaaaacaa tctgccttaa caattcagct caaataaatt atcttcccga 120
 aaaaaaaaa 128

<210> 1304
 <211> 416
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 1304
 cactgataga catgaacctt ctcccacgcc cagaagagca atctggaaac ccaacattct 60
 tcttacaatt gcaacttttag agagcaagtc acaacacttc ctgctagaaa aagagaacac 120
 cctgacaaaa gaatgataca atacttacga atccccttcc tgtcagcctg gcggtatttt 180
 gcagagaatt taataaattc taattttaaat gccaaaaaaa aaagggccnn nggggccant 240
 taagttgggn nttaaccngg ntgaatttgn taaaaagggg ggaacaccca aacttgneng 300
 agatccanaa gttttttcng tcnaattaaa aaanggccaa gtttnccnng gaaaccattt 360
 ttngngtttt tncnagggnt ttcttcggag attgggaact tttacccaaa aaaaac 416

<210> 1305
 <211> 184
 <212> DNA
 <213> homo sapiens

<220>


```

<221> misc_feature
<222> (1)...(184)
<223> n = A,T,C or G

<400> 1305
gttttaaaat tatggntgac gatntgacca cagtttttgg gctctgcagg tgatgctaaa      60
gtacagccgg ctgagaaccg ctgccctggg ccagggccgt ccaatagaag cacagcatga      120
gccgaagatg tgcttttcat tgtctagtgg ccacattaaa aggatgcaga tgaaactcaa      180
aata                                                                    184

<210> 1306
<211> 117
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 1306
attactgcaa actccaaagg ccccaanccn acacaagttg tttttnatga tnacnganaa      60
tatctttttg cacattccac agaaaaagtt tntttggccn gcctgggaag gaaccta      117

<210> 1307
<211> 262
<212> DNA
<213> homo sapiens

<400> 1307
gcattaagtc aagaactgag accctgcact cgatggatca gctgacacca cccagactgg      60
taatctggct caaccatggt ctgccatccc acccaggaac agaaaacagc aagaaaaact      120
cacttcgacc ccctaggatt ccattctcaa tctcaccaac cagcattccc cacttccgaa      180
gccctacct gccaaattat ctttaaaaaac tctgatgccg aaatgctcag ggagactgat      240
ttgagtaata ataaaactcc gg                                                                    262

<210> 1308
<211> 422
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 1308
cattcctggg atgaagacac tctgcacaca tgtgtgtcaa agcctctnag cccaggctaa      60
nccatcatat cccctgngac cggnacctat acatncnnat ggctgaagc anctgaagat      120
cgcacanaag aagtgaaaat agccttaact gatgacattc caccattgtg atttgtttct      180
gtcccaacct aactgatcaa tggtagttgg ttaatctccc ccacccttaa gaaggttcct      240
tgcccatttn nccccacccc ttgagnaatg tactttttgt aagatccenc ccccttgggc      300
ctnncaaaaa catttgtttc cttaacaccc acccgnccct atcccnaaa accctantaa      360
agaaacccca ttgnttaatn cccccccccc ccctttttgc tttanccctt ttttttggga      420
ac                                                                    422

<210> 1309
<211> 253
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature

```

```

<222> (1)...(253)
<223> n = A,T,C or G

<400> 1309
gagataacag aggatcatag ctcaaagagc tgcaaggagc ccaataccct ttgagaagca      60
gtacgaagag acgggggttt accgttttan ccaaggatgg tctcgatttc ctgacctcgt      120
gacccgccc cctcggcctc ccaaagtgt gggattacag gcatgagcca ccgcgcccgg      180
cctactgcac tgttttacgt gctacagatg tatcaagcaa ttttaaccca attcctactg      240
tgcttaaaat aaa                                                    253

<210> 1310
<211> 393
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 1310
ttttgaaaat aaccanggaa agnaatggga tatactctta ctgaatccaa actctaaagt      60
acttttgcag attttgcaga gtgaagacaa aagaagaaat ggtgaccttc tttttgcaat      120
aatgggttctg atgacataaa catagactct ttggtgacat ctttgtcatt ctacaaagca      180
ttatgagagg cagaatagtt actgatacta gttcctacca cttatgaggc caccattaca      240
actgnagtag ctggancctg nccacngttg tgtanttga gccaaaggact tcattacttc      300
agtagcattg ggacaaaact ggaantttta ctttttatag acataccatt aatattaaac      360
cttgcaaac ggggaagaaa ttaaaaaggg agg                                                    393

<210> 1311
<211> 438
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(438)
<223> n = A,T,C or G

<400> 1311
gcattaagtc aagaactgag agatgggggtt tcaccatggt ggccnggatg gtctcaatct      60
cctgatctcg tgatccgccc gcctcggcct ccaaagtgt tgggattaca ggaacaccat      120
gatcaactgg ccagtgccat ggttctctgt gagttagaga attttggttg ctgcctgact      180
ccactgttca tcatggtaat cacggccaca ttgcctttga cggtcgagtg ctgccacttg      240
gcccctgcc ccctgggatc caattattcc cattacattt agatttctca attcagtgac      300
tgcagtttcc attgtaagtt ctggcctaca gagtanaagtc tcacanaagct cttcaaggat      360
gctgggactc cctcacaaac ttaccttcca caagtttttg ggaaagggtg tgttttccag      420
gactttcttc ccaccttg                                                    438

<210> 1312
<211> 447
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

<400> 1312
gagtccaaga gataacaaga ggatcatagc tcaaagagct gcaaggagcc caataccctt      60
tgagaagcag tacgaagaga cgggggtttc ccgttttagc caggatggtc tcgatttcct      120
gacctcgtga cccgcccgcg tcggcctccc aaagtgtctg gattacaggc atgagccacc      180

```

gcgccccggcc	tactgcactg	ttttacgtgc	tacagatgta	tcaagcaatt	taaccccaat	240
tcctactgtg	cttaaaataa	ataagacgtg	cctatagntt	caactctgga	gagataacag	300
tgggggtgat	gtagaaatct	tgccataatg	ctccctacca	tgaatgacca	catgttccag	360
catggtatgc	caaggatccc	tttggcaatg	naactctact	cctccttcat	taaagaagga	420
nggggntntt	tttccccccc	cctggaa				447

<210> 1313
 <211> 463
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 1313						
gaagcaccct	cactatgtgg	ctctacctgg	cggccttcgt	gggcctgtac	taccttctgc	60
actggtaccg	ggagaggcag	gtggtgagcc	acctccaaga	caagtatgtc	tttatcacgg	120
gctgtgactc	gggcttttgg	aacctgctgg	ccagacagct	ggatgcacga	ggcttgagag	180
tgetggctgc	gtgtctgacg	gagaaggggg	ccgagcagct	gaggggccag	acgtctgaca	240
ggctggagac	ggtgaccctg	gatgttacca	agatggagag	catcgctgca	gctactcagt	300
gggtgaagga	gcatgtgggg	gacagaggac	tctggggact	ggtgaacaat	gcaagcattc	360
tttacaccaa	ttaccttntg	tgaagnnggt	gaacactgag	gactctatga	atatgtctca	420
agtgaacctc	attggtgtga	tccangtgac	cttgagcatg	ctt		463

<210> 1314
 <211> 340
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(340)
 <223> n = A,T,C or G

<400> 1314						
gaatgttcca	gcagggagca	ctacagctgt	ttcaatcttc	agggagacta	ctcatcttgg	60
gaataattcc	ttcctttgtc	ctgtcagcat	aatgtgtatg	gaccttgcta	agcagcacc	120
agtcatgaaa	gtgctgccac	cgaggaaggc	cccctggaag	cccaagtgac	ccagaaccca	180
agatacctca	tcacagtgc	tggaaagaag	ttaacagtga	cttgttctca	gaatatgaac	240
catgagtata	tgtcctggta	tcgacaagac	ccagggctgg	gcttaaggca	gatctactat	300
tcaatgaatg	ttgaggngac	tgatagggag	aatgtttctg			340

<210> 1315
 <211> 687
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(687)
 <223> n = A,T,C or G

<400> 1315						
ggggctcttta	gctggaagct	gggagctgag	tgagcatgta	cggngctgcg	ccgggttgtg	60
ggagancaga	ggaagcaggg	actggagaaa	ggcgagccca	agcgagcctg	gtgcggtgga	120
aagcaggagg	cagaaagacc	tgctgtcat	cagctaagaa	catccagaga	cgttcaccga	180
gcaaggagcc	aggccaccct	ctgctgccgg	aatgaggaat	aaccagggct	cgcaaaccga	240
atcctgcaaa	gagatttccg	acagggcctc	caagcaacgg	gcaacgctga	ggctcaagga	300
agcactgccg	ctcgaccaaa	gtcctacagc	gaatcaggaa	caacgcctga	cgctccaaa	360
agtgggctcc	aatcccagct	cttccctctg	tgtgactctg	aacaagaccc	ttcccgtgg	420
acctcaattt	ccttcattgt	aataacgtct	ggcacatact	angcgcacaa	aatcactggc	480

aggtagcccc	gcggagccca	aaaacacaat	cgcccgccag	accacgtggc	cagaaagcac	540
cggcctacgc	cgccactccg	gacacttntt	cgcggcgctcc	aaccctnggc	cggaagttac	600
tggtcccgac	gggctacaca	ttggggcgct	ntgggcgccc	tggggctggg	gtggggccan	660
ccgattggng	ggttgattct	tggaactg				687

<210> 1316
 <211> 135
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 1316						
aagcttcaga	tggtggaagg	gagaaggaga	cccagnaatg	gntncnccag	ggagaacagt	60
tccagttctt	gtncctttcag	aagaaaacca	accagcctaa	agaatgtttt	ttgatncacc	120
caagggaana	aaaaa					135

<210> 1317
 <211> 586
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 1317						
gctgcacagg	aagcatgctg	gggaggcctc	aggaaactta	caatcatggg	tggaagatga	60
agaggaagca	agcagctctt	accatggcag	agaagggaga	gagcacgaag	gaggaagcac	120
tacacatctt	gaaacaacca	gatgtcggat	aaacagaaac	caacactttt	gaaagacttg	180
ctctgctgct	gatataccac	agcctcctga	taccaccctt	ccattctgca	gttttaacac	240
agcaccagac	cagcattcct	ttttgataag	agaccactgg	ccatgggatg	gttctgttca	300
atctgcagag	ctgcacacag	aggggtcttcg	tgcccctgct	tcaccttttg	acgtataggg	360
cctaactgta	acacatttaa	aggtttctcc	ctctccatca	caaagggaac	atgggacgtg	420
tgtaacatac	atgctggcct	actatgcatg	tgcccactct	cctcttggtg	atattcataa	480
gctcctccta	tagcctgctg	aatangtaca	cttaaccac	cccttcaagc	acaaaattcc	540
tgtctcgtaa	cctcttctta	aanggattgc	ttttctgtcc	actgga		586

<210> 1318
 <211> 274
 <212> DNA
 <213> homo sapiens

<400> 1318						
catactatac	aacattttaac	agctttcctg	gcctccaccc	gtagacacc	agtataactt	60
cctcagttgc	aacaactaaa	aatatctcca	accattgtca	aatgtctcct	gggggaaaaa	120
tcaccccttt	tgagaattgc	tcaggtagag	tatttgcata	tgtaaaaatt	taataaataa	180
ttgttttagtc	ttttacatta	tgtaaacatc	atgctatctc	ttggaagaca	ttatgatgaa	240
tataacaagg	tatttgatgt	aatttaaaaa	aaaa			274

<210> 1319
 <211> 442
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(442)
 <223> n = A,T,C or G

```

<400> 1319
gggaatttgg aaaacaaaac gccagaatag gtacttcaag tggaaatctt caatcttggt      60
aaaggtccct cttaacatta acccttggan gccgaagaat gggaaagtttt ccgcttcttt      120
ggttttgccc caagggcttg ggaaatggca aatgggtggc aaatcttcgg gcttcaaccc      180
ggcaaacctt tcggccttcc ccgggggtttc aaaagccgga tttcttccct gccttcaagc      240
cttccccgaa gtaccttggg ggattacaag ggcattgcgc acccatgccc gggctaaatt      300
ttgaagccca aaatcttggg acctcctcct cttcataaga agccatcctg aaataagtac      360
ctactttaaa aagataccta aaatctacaa tgcaccgcac tcttctttta taaaagtctt      420
tgttttattct ccgaaaaaaa aa

```

```

<210> 1320
<211> 508
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(508)
<223> n = A,T,C or G

```

```

<400> 1320
gaaaggggtc ccgatgcana ccccaaaaaga gggttcttgg atcttgcgca agaaagaatt      60
caagagtctt tctctgtcgc ccagactgga gtgcagtggg gcaatctcgg ctactgcaa      120
cctctgcctc ccgggttcaa gtgattctcc tgcctcagcc tcctgagtag ctgggattac      180
agagcaagaa ggcacttgct aggtactagc accttgatat tggacttccc agcctccaga      240
actcctactc aacatgaaga tgacaagaat gaagactttt atgggtgatcc acttccactt      300
aatgaacagt aaataatatt tctctgtcta aaattttctt cacaacgttt tcatctctgc      360
ctactttatt gnaagaatac agtatgtaac acatgtaaaa tacaatataa agtcaaaaac      420
gtgttaatcc actgnntatg ttacctgnaa agacttttgg ggcaataagt aagactatta      480
agnaagggtt ttgggaggca aaaaaaaa

```

```

<210> 1321
<211> 491
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(491)
<223> n = A,T,C or G

```

```

<400> 1321
ggatggactt tgaagacttg gggttgnntn ntangattgg gaccaccanc tgcctttcac      60
cagctgccaa gactgtggtt tgaaaaacct cccccaggac aagtcatnag nangctctca      120
tgcttgaggg aaggagactn ccanttgaga tgcccttgcc attcaccttt tccattccag      180
cttgcaattct gcccttggct aaagcaagga caaaatttct tgttcccttg gtgccggctt      240
atgaagcttg cccctactgat gaccnaacac tttattgagg gaggccacaa gaccnaagaa      300
taaggncctc cgaaaaaaca gccnancntg ntaaccaccc cggaacttgg gnagaaaacc      360
tncnattggg taggccnatt gntaccacn tttaaaggaa aggttgggng ggcttnaaag      420
ttgccttggg cccctttttg nngggctttt tccttttnatt naancccttt gnaaatccct      480
tcaatttaaa a

```

```

<210> 1322
<211> 337
<212> DNA
<213> homo sapiens

```

```

<400> 1322
caacaacagg gtgcctggca caaggagata ctcaagtaaa actctcatct gctgtgtcat      60
taagggggaa acttaatggc tcacgcctgt aatcccagca ctttgggagg ccgaggcgga      120
aggatcacct gagcccagga gttggagacc agcctgggca acagattgag accctgtctc      180
aacaagaag aagaagaaga aaaaggccag gcgccgtggc tgatgtctgt aatcccagca      240
ctttgggagg ccaagaaggg agaactgctt gaggccagga gttcgagacc agcctgggta      300

```

acatagcgag acaccccccc catctcaaaa ataaata

337

<210> 1323

<211> 469

<212> DNA

<213> homo sapiens

<400> 1323

ggcaagcttt	cttagatgaa	gaagccagac	acagaagaca	ccattggaag	tatttgatac	60
acacatgtct	ttctttgaga	ccagctaaca	gagacttcag	ctcgcacagc	agcacaatg	120
gctgagtgtt	ggggatacaa	gtggctgagc	ggcgagcaga	gaagcagcga	ctgagctctg	180
gagactacag	atagacgcag	ctaacttcag	acggaaagaa	gttttagtcg	attactattc	240
tacgtggcta	ttgcagcgcc	gcacaataca	cacatccctg	tccctgaagc	ccatttgtcc	300
cctccactca	atgtcagttc	atctgttgag	agaggtgacg	agaagggaga	agtctgtaga	360
aaaatttaat	ttccctcggc	gaagttttcc	ccttgcaatt	ccatcgtttc	cggattgggt	420
agccaccacc	actttcatca	ggggctgaga	aatggagatg	aactggctt		469

<210> 1324

<211> 361

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 1324

gaggaatatc	acaaacggga	cttcacggag	gtgctctctc	ccaatatgta	caacagtaaa	60
ctctgggaag	cctcaggcca	ctggcagcat	tacagcgaga	acatgtttac	ctttgagatt	120
gaaaaggaca	cttttgccct	caaaccatg	aattgtccag	ggcactgtct	aatgtttgcc	180
tcgcccactt	gaggaatgct	ttcatttgn	ttttgagctt	gatnaatnac	tgcgggactt	240
agcgnntgcc	agagnnggnc	ttcacagnca	tntacatttt	tgcaggacaa	tgaaaaataa	300
gggtgagttg	atngtctact	tgtntcttat	aactgcaaca	aggccggaaa	acttctagga	360
g						361

<210> 1325

<211> 244

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(244)

<223> n = A,T,C or G

<400> 1325

atattctcaa	cagaangggg	aanggctgat	ggtacctaaa	gcctgntnct	tgaattctga	60
tcaanataac	tgctaanttc	tnttcantat	ctagtatngt	gtctgggtac	tgattttnat	120
gactgattat	ggtncaggga	gaaaattcag	aatnaccnac	tngtcntgtc	agctgccttt	180
gnntgaatct	gntctgaatn	nctgggtttta	tgctttactc	tggagacctc	actatcctat	240
tatg						244

<210> 1326

<211> 222

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(222)

<223> n = A,T,C or G

```

<400> 1326
gatccactgt ggagggtngt tcancncctt gtgtgccaac cacggngaca gcgacctgca      60
nctgnaccgc atctctgtgt actacaatna agccacaggt ggcnaatntg tggtaaaggc      120
tgatggtacc taaagcctgg nacttgaatt ttgtntgttc gctantcttt gccaatntta      180
acagcactta tattgtagat ctgtggtaac tgattttaga tc                          222

```

<210> 1327

<211> 282

<212> DNA

<213> homo sapiens

```

<400> 1327
ggtaaatggt ggaaagtggg gaattaaaac cagaacggac atctgtagta aacctcacag      60
aagcagatga attggagatc aattattata catgagtcct ttgccctgga acccagccat      120
ttcctgggca cagttgaagc aggagctcca ggagatgaag caggtgatcc tgtggcactg      180
ggccaggtcc aggtgccaag aagaaaccag gtccaggaag cactgctcca catggtggcc      240
ttgatagcca ttgagaatat tccaagccta gaaaaagaaa ca                          282

```

<210> 1328

<211> 554

<212> DNA

<213> homo sapiens

```

<400> 1328
gtctatacca aaatcctttg tgccaatata acctgtatcg tttatatatc atctaccacc      60
ttccaggagt ggagctgctt gaccgaaatc aagttacaga aaaagaaaga agatcaatga      120
ttaccatttt taaccataaa aaggctcata tcgttcaatc aatagcattc ggaggaaaag      180
tggtatgcttc atgggatacct aaatcacatc ttaagcaaaa accagcccag agagtacctt      240
cagtgtgctt tatgattaca aggtggctgg tgtaccccca agcctcacat ctccattcca      300
cgaaggaaga gaggggtgat aagaaaaggt gcaaagattt tgcatttgca aataatgtag      360
acaaaactgt gcttgatgac ccagaagatg ctgtttttgt gaggtccatg aagagatcag      420
tgatgacttt gacctctatg aactgggaca cagttccaac acgagaggaa aggtaccttg      480
aagaggaagg cacagaaaca gctcaaatgc tcacagttac actgagataa gccctggtat      540
ttctagatat ctta                          554

```

<210> 1329

<211> 140

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(140)

<223> n = A,T,C or G

```

<400> 1329
gccttctctg gccaacggac acttctatct gccaccctta gcatgctatc actcatgatt      60
ctnnacaaca tctctgctca aacatctact gctttgtgtg cacacataan tgtgccca      120
gccctgtgca gaagaacagg                                     140

```

<210> 1330

<211> 592

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(592)

<223> n = A,T,C or G

```

<400> 1330
gtggcctctg atcttggaa gaaagagtgt cagacagtgt cctgctgcta gaagaagggt      60
ctcgtctggg ggctgtgtct gtccacgcca gattccctgt tgatggatgc tccagtcagg      120

```

ccccaggag	aggctcacac	cacacctgct	tcactggagg	gatctccact	gctctctccc	180
tacctcccag	gtctcctgag	cctcccctct	agctactgca	gcggtccttt	tattcacaac	240
agcagaggcg	tgtgagggtg	gctctccctc	aagctctcct	ctaggaccat	gggacacca	300
gtggcactgc	ctcagggtcct	ctctggccct	ggcagacctt	gtggctggct	ctattgtttc	360
cacaccatgg	agaccgagag	ctcctcagtg	gcagccactt	cccagccagg	gacccagggg	420
cacaagttcc	actgtgttgg	tggattttcca	gacattttcca	aggaaggggc	ttttgccacc	480
ttctcgctct	tgcantttgc	tgggagtgag	aacancacct	gagtangggg	cttgtgtang	540
gttcacatcc	accaacccct	gactctttga	ctcctnctat	tcctcttgtc	ca	592

<210> 1331
 <211> 558
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(558)
 <223> n = A,T,C or G

<400> 1331						
gggaaacttg	agagctgatg	gatctgttgg	aaaagattcc	ttcgtgaccg	acaagtggcc	60
acctgaactt	ttgattcaat	gttgctgcaa	gtgtgtcttt	ctccggattc	cctgagtgcc	120
tcaccttctc	caccccacca	caggacctaa	gataacttgt	agcagcttga	gactccttgg	180
gaaagacaaa	ggaggtgcca	cagactttgt	ttccggaaac	cccaggaagt	gaaattggat	240
ggatccctct	caaaatctaa	gactctgttc	tgcattgcat	tgngttatct	gatggttttg	300
agttttgagg	gtatcggaat	ttacttcaca	ttatgagagc	gctttggagt	gtaataacta	360
ggtaggaaat	aaacatttan	ggatggctaa	cgacaggtat	gggggatact	ctactctttg	420
ccatttggat	gaaagaaaca	tgctgntggc	cagctggaaa	gcatgacaat	gtcctacctt	480
cactgacaga	taanactcct	tggangatgg	cttattacag	aatggactca	ttggaattga	540
gntgcttttg	caatgaaa					558

<210> 1332
 <211> 554
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(554)
 <223> n = A,T,C or G

<400> 1332						
gggaaacttg	agagctgatg	gatctgttgg	aaaagattcc	ttcgtgaccg	acaagtggcc	60
acctgaactt	ttgattcaat	gttgctgcaa	gtgtgtcttt	ctccggattc	cctgagtgcc	120
tcaccttctc	caccccacca	caggacctaa	gataacttgt	agcagcttga	gactccttgg	180
gaaagacaaa	ggaggtgcca	cagactttgt	ttccggaaac	cccaggaagt	gaaattggat	240
ggatccctct	caaaatctaa	gactctgttc	tgcattgcat	tgtgttatct	gatggttttg	300
agttttgagg	gtatcggaat	ttacttcaca	ttacgagagc	gctttggagt	gtaataacta	360
ggtaggaaat	aaacatttan	ggatggctaa	tgacaggtat	gggggatact	ctactctttg	420
ccatttggat	gaaagaagca	tgctgttggc	cagctggaag	gcatgacaat	gtccctaccc	480
tcactgacag	ataagactcc	ntggaggatg	gctaantaca	aaatggctca	ttggaattga	540
gttgcttttg	aatg					554

<210> 1333
 <211> 579
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G


```

<400> 1333
gacttccagt actatgttga ataacaagng gngaaagtgg acatctttgc agngttccag      60
atcttanagg aaggtctctc annttttccc tattcactat gatgtcagct gtgggtctgt      120
tgtatatggc ttttattatg ttgagacgaa gtctcgctct tgtcccccag gctggagtgc      180
aatggcgcn aatggcgctca ctgcaacctc tgccctcccag gttcaaggaa ttctcctgcc      240
tcagcctccc gagtagctgg gattacaggg gcctgccacc acgcctgggt aattttttgta      300
ttttaagtaa gagatggggt ttcaccatgt tggccagggt ggtctcgaac tcctgacctc      360
angtgatcca ctcacctcgg tctcccaaag ngctgggatt acaggtnnga gccaccggg      420
tgcggnctca aggggaattga acagcttggg ctttggagac nggggagtta aaacagaaat      480
aagaangcgg cagaaaaaag actaccagat tggaatgggg gtgggatant cctatncccc      540
ccccccctaa aatgngggcn ttggaggatg gaacagaac      579

```

<210> 1334

<211> 343

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(343)

<223> n = A,T,C or G

```

<400> 1334
tgggttatac tggccgaata tggcatatgg gatcttattc agtctgcttg ttttcgtata      60
agtgtgattg accctagtaa agcnccatat ttnggtagcc ctttgcatta caagaatgtg      120
ganaatttgt tctcaaagcc accanaagta gcacannaac anggaggatg ctggnntncc      180
aaaangaaag ttggactcga aaaacttttc tgaangcttg attaataaga aaaagaatgc      240
tcttcgggan ggggatgaaa agantnaaag nattctttnn gggnaaggaa agaaatcgan      300
agtttgcctt gganttnntg aaagcctacc aacccttttt tcc      343

```

<210> 1335

<211> 569

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(569)

<223> n = A,T,C or G

```

<400> 1335
ttcagcgata gatgaagagc agagctgtcg ccagggcagg gtgtagcatc ctttatctat      60
tctgctgctg tcaggctatt tcctatttta tcctgccata aacaatgctg tgaagaacat      120
cacacttcag tcccacggag aaactcaacg acgaggtttc accatgttag tgaggctggt      180
cgtgaattcc tgacctcagg tgatccaccc accttgact cccaaagtgt tgggaattaca      240
ggtgtgcac accacacctg gcaattactc caaattttat cagctagaga caactgccat      300
caatgtgtga atgaacattg ttttagcttt ctctgtgaca tattcataat acaatttttt      360
tgagacaggg gtctcactct gtcacaaagg ccgaagtgca gtggtacaat cagggcttac      420
tgtagccttg acctcccaag ctcaagtgat cttcacgccc cacctcctgg gtagctggga      480
ttataagtat gtgcccccat gccagctaa tttttgtatt ttaataaaaa agggatttcc      540
catgttggcc acnctgggtc tcgaactcc      569

```

<210> 1336

<211> 346

<212> DNA

<213> homo sapiens

```

<400> 1336
tgaatttttg tgttgtgcac tatttaggtg catgtcacct ttcaaagatg taacactcac      60
tgaggaggttc tgaggcctca ttcctgaagt cagcaagacc atgaacccat gggaggagca      120
gacaattctg gacgcagcac ttttaagagc tgtaaacactc actgccagggt ccgcggttc      180
attctttaag tcaacgagac caagaaccca gcagaaggaa taaattctag acacagcggg      240
atttccggtt ggtggtttta aattacatca gattcggagc tcctaggagc tagtgaggaa      300

```

ggtattacca aatagacatt gagttagaca aataaactat atttac

346

<210> 1337

<211> 434

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(434)

<223> n = A,T,C or G

<400> 1337

agaagaaaca	ccggaagcaa	ttgagggacc	acggaaatgg	atccactagg	aaggaggagg	60
cattctgcag	gatggctttt	taattttttt	ttttttgana	caatagtctt	tntccgttgc	120
ccaggctgca	gngcagnggc	gtgatctnag	ntnactgnaa	cctccaactc	ccgggttnaa	180
gngattcccc	tgccctnancc	ttccaagtag	ctggnaatac	aggcntgtgc	cncacncca	240
nactaatttt	tatnttttcg	gtananagga	natttcacca	cgttggcccc	gntggtctcn	300
aactcctgac	ctcaggngat	ntgccgacct	caacctccga	aagngccagt	tttacagggg	360
ggggagccac	acnctggcct	ttgcaggact	ttttaacatt	ttnaacaaat	ntttatttaa	420
cagagcaaaa	aaaa					434

<210> 1338

<211> 474

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(474)

<223> n = A,T,C or G

<400> 1338

atggactctc	gctgtgtcac	caggctggag	tgcagtggcg	tgatctcggc	ttactgcaac	60
ctctgcctcc	cggtccagc	aattctcaag	cctcagcctc	ccaagtagct	gggattatgg	120
gtgcacacca	tcattgccag	ctaatttttt	tgtattttta	gtagagacaa	ggtttcacca	180
tggtggccag	gatggtcttg	atctcttgac	ctcgtgaaat	gcccaccttg	gtctctcaaa	240
gcgctgggat	tacaggccca	acgcacccag	cctgtagcta	attttaacag	ctcctttctt	300
gctgccatat	gaaattgctg	cttgacattt	ctcgcttctg	tgaccaccca	gtattcctgt	360
ctcaagatga	agttgtggca	ggctggggac	atgggcttcc	gaaactggga	gttaatttta	420
ctattgacta	gaatgatatt	agactatttg	nataataaag	tagatctggt	taac	474

<210> 1339

<211> 389

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(389)

<223> n = A,T,C or G

<400> 1339

aaaaagggtc	cggccttaca	taaaatggan	ggttngccat	tcnaaagngg	ggacanncct	60
tncaagantg	ggtggccaat	nccttccttt	tgaaaaaaat	nggntagaat	gggccccttg	120
gattcggttt	tactccggcc	anaaaaagaa	ggccagatag	aatatgatga	attcctaaaa	180
gtggttgctt	cggcnaaaaa	cgatgagacg	tgccaggtac	catcaggaac	caccgggata	240
acctgattaa	aggaagggaa	ggtncacccc	ntccacctta	acaaanttgg	ccanggggga	300
ancctcggcc	ctnaacaaaa	ccaacttctg	attgtctgga	agcttgantt	tcctggtctc	360
tggtcctcca	cttggaaaaa	atggttttac				389

<210> 1340

<211> 189

```

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 1340
aggcctgaac tacgtttccn agtcctncc ncaaccntg gaatnatnna gagattcgtg      60
actaanttca gctccnnggt gagtgnnanc cttttgagca cgttcagcct gggttaagtcc      120
aagctgaatt ggcctcgtcg gccatttctt ttgcttttta ccctggaaga aataactcata      180
agccaccct                                     189

<210> 1341
<211> 189
<212> DNA
<213> homo sapiens

<400> 1341
agccagatgt ccctggattt ctatgtgggt tcttagcatt gtctgtgcta agtaccagag      60
cttgaagatg aagttcatga aggcagaaat ggtagtcatt tatgtaaatt aattttttaa      120
gagaaagata ttctgcttgt aaccagcatc aattaattgg attataaagt tgcattgtca      180
taaaaaaaaaa                                     189

<210> 1342
<211> 280
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

<400> 1342
gctggaaggt tggaatatgc cctatatgct ggancancga ggtgcgaacg cggcggcagg      60
aagtttctcg acacctcanc ttcttgagta nccgggacta cagacatatg ctaccacgcc      120
tggctaatat ttgtattttt tgtagagacg aggccttcacc atgttaccca ggctgatctc      180
aaactcctga gctcaagcaa tcctcccacc ttggcctccc aaagtgctgg gattacaggg      240
atgagccact acagccagtc aataaaaatta cttttaaaaag      280

<210> 1343
<211> 435
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

<400> 1343
tatgcttcag gaactcatca ttgctaaagc caaatccagt ccctctgctc aaactgaaga      60
gaagggaatt atttttgtgg cagacgggggt atgtggtaag ggcattggcat tcgggttttat      120
atgcagactt ttacatacag gatcatgcca acaacagctg agaagctccc cagtgatgga      180
tgtgtttgcc tcggaatgga gtcattcagg cacctgcaag gctgcaaaca ccaagctggg      240
actctccctc acccgagcag cccaccttgc tgcttcttgg tgacatcatg aaaaaggcaa      300
attgggcttc ggggtactct cactnctnct tttaangccc tntngccctt ttcaagggnt      360
tgtntccacc ctttntntcc cccaggctct natgggctct gcctggacta atctntgcca      420
ttcgccacag tcctt                                     435

<210> 1344

```

<211> 260
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(260)
 <223> n = A,T,C or G

<400> 1344
 actccgtact tgatggatca gctgacncca cccagaccag natctggctc aaccagttct 60
 gccatcccac ccaggaacag aagacagcnn gaaaaactca cttcgaccct ctatgactcc 120
 atctccaact tgaccaatca gcactcccca cttnccaagc ccctaccgcg caaattatnt 180
 taaaaactct gatccccaaa tgttcgggga gacaaagttg agtaataata aaattccagt 240
 ctctgcttc aaaaaaaaaat 260

<210> 1345
 <211> 185
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(185)
 <223> n = A,T,C or G

<400> 1345
 gcctgcataa gctcctctac tttaacctgn cnggccatna cnaganaggg aacagngaga 60
 cattggccca agctgggcct ggacttgccg cccaactatt actataacct gggacaaaaa 120
 ctggaactgg gtctgtttacc tngctcanga nncnatgggt ggggccatac cacccttaag 180
 ccagg 185

<210> 1346
 <211> 375
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(375)
 <223> n = A,T,C or G

<400> 1346
 tttggatatg tcattccact gcctttctgac ctccacaata ggagacactg atagcagcaa 60
 ggggcagaca aatgcctgtg caaatggggc acatccctgg tgaaatacac cttcaagcta 120
 aaaaacaacc tgaaggctga aaggctggac tcctggctct ggatgaaacc canaccaga 180
 gtgagaactt ctgttttgtt ttgcctgccc ttctctgatt gattctttct gaataatgcc 240
 ttttaaccaa tcaaagtgtg cctttccatt actacctatg gcctgcccct cccctattct 300
 aagccctaaa ggcccaagac tcaaccacat tgggggtact ttntggcnt taaaaggaa 360
 cccccccag ttccc 375

<210> 1347
 <211> 454
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(454)
 <223> n = A,T,C or G

<400> 1347
 gtgccttctt ccatgattgt aaagtttcct gaggcctccc cagccatgtg gaactagtct 60

tgctgtcacc	caggctggag	tgcagttgca	cgatctctgc	tactgcaac	ctccgcttcc	120
caggttcaag	cgattcttct	gcctcagctt	ctcgaggagc	tgggactaca	ggcacgcacc	180
accccgcccg	gctaattttt	gtgttttttg	tagagacagg	ggtttcacca	tattggccag	240
gctggtctcg	aactcctgac	ctcgtgatcc	gcccaccttg	gcctcacaaa	gtgctgggat	300
tacaggtgtg	agccaccgca	cccagcccac	taccttttca	aatataactt	actcctacaa	360
aaattggaca	cacagcatgg	gnaaggcttt	cattaaaaaa	atacagatgt	ctacagaaaa	420
taatgttcat	tttagaagtg	gagagattat	ggat			454

<210> 1348
 <211> 458
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 1348						
gggtcaagct	gtggctcagc	tgtgttccac	tgtccccaac	gtgactgtct	ttggaacaag	60
cctctacttt	caagcatgaa	gcaatcaaa	actctgtgac	ccacctcttt	gacagaaatg	120
cagactacgt	gcaagaaatt	aaaaagaatc	tctgctgaag	gngnggacat	cgttttggat	180
tgctctctg	gggacaacac	tggaaaaggn	ctcaatcttn	tcaaaccct	gggaacctac	240
attttatatg	ggtcacccna	catgggaact	ggagaaacca	aaaacttctt	tagctttgca	300
aaatcagctg	gagtgcgaatg	gccgatcttn	gnttatggna	accttcgact	tcctgggtta	360
aagcgaatnt	tctggctcan	ccttcctant	agctnggatt	acangcttgc	ncccatanc	420
caactaat	ttgttttttn	naaaaaaac	gggttta			458

<210> 1349
 <211> 459
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 1349						
gaccctgaac	ccaggccacc	attgtgaaaa	gagaaagcac	agctacatgg	ttacaagatg	60
aattttgctc	ttgctgcgca	gactggagtt	caatggtgcg	atattggttc	actgcaacct	120
ccacctcctg	ggttcaagtg	attctcctgc	ctcagcctcc	caagtagctg	ggattacagg	180
aatgcgccac	caggcctgac	taattttgta	ttttagtaga	gacagggttt	cattatgttg	240
gtcaggccgg	tctcggactc	ctgacctcaa	gtgatcctcc	cgcctcagcc	tcccaaagta	300
ctgggattac	agcgctgagc	caccacgccc	agcctgagta	attacttttt	aatggattgg	360
aagtattgaa	tgtgcttatn	tgctcacaa	atattaagng	caaattacag	aactgcattg	420
gatgctctat	ttctgatata	tatatatata	tatatatata			459

<210> 1350
 <211> 383
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 1350						
gtaactgctt	agaaatccat	ctgttgcccta	ttaaagaaga	ctggaggctg	tacgcagtgg	60
ctcacgcctg	taatcccagc	actttggggag	gccgaggcgg	gtggatcacc	tgaggggactg	120
tcccggaaact	cttggaacttt	gggctactgt	gtgcataacc	tcgtggaggg	ttctgagcag	180
ctctgtccat	ctacatgtga	aggatcaaag	ggtgccccag	gctggagtgc	agtgggtgcga	240

ttttggctca	ctgcagcctt	gaactcctgg	gctcaagcaa	tcctcctgcc	tcagcctccc	300
tagtagttcg	gactacaggc	atgagccacc	atatctggct	tggggaattg	gaaatnttaa	360
aaaaggcttt	tgtaaaaataa	aaa				383

<210> 1351
 <211> 459
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 1351						
gctccagacc	cagttcctgg	acctgccctg	gaaaagaagt	atcccgtaga	gatgagctca	60
ctgcagttac	ttaattaaca	atttgtaagc	tgcaaaaatg	gcaatgggct	aaccaagaac	120
agctacaatt	tgaatttttc	tatttcocaga	gtttcgctct	tggtgcccag	gctggagtgc	180
aatgggtgtga	tctcggttta	ctgcaacctc	cgctcccga	gttcaagcaa	ttctcctgcc	240
tcaccctccc	aaatagctgg	gattacaggt	gcctgccacc	acgcccagct	aattttttgta	300
tttttagtag	aganggggct	ncaccatatt	gggcaggctg	gncttggaact	tcctgacnt	360
caggnggatt	cccccacctc	gacctcccaa	agtgctggga	ttacaggcat	aaagccaccg	420
ggcccagctg	gggatacttc	ttataacttt	ctctgaaaa			459

<210> 1352
 <211> 456
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(456)
 <223> n = A,T,C or G

<400> 1352						
ccagctgtaa	ggtctaactn	tattgennac	gctcnnatgc	angagacgca	gatcatggat	60
cactgcagtc	ctcaacttac	tgggctcagg	atgaaaggct	tcctagcaca	aacaccaccc	120
ctggagttcc	cggtagatca	ataccagcct	ggggatcacg	ttctcatcaa	gagttggaag	180
agggaaagct	tgaaccagct	taggaggacc	tcattctggt	ctcttgatga	atgaaacagc	240
aattctgaatg	gctgaaaaag	gatggacca	gcactccagg	gagaaaactt	ggcattcttt	300
gggaatctaa	caggatgcag	tgaacccaag	ccttttgaag	agctcaccaa	tcagactgcc	360
ttgtctattc	cttgaccaaa	tgtttgatag	tattggcgga	ggccctctaa	tggggtatgc	420
ttgncaagca	actggagtgg	gcacttgggc	tctaatt			456

<210> 1353
 <211> 186
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(186)
 <223> n = A,T,C or G

<400> 1353						
gcgcagtaag	attgaggagc	taaaaacaga	cttggggcgga	tgtctgcagc	tgcaagaaga	60
tgtgtgggaa	cagacacaga	aactctccct	cccagataag	caagacaaaag	aaacacagaa	120
taagagtcca	tctatgtggn	cagagaatgg	gataaganct	gatttaaaaa	aactctgctc	180
tatata						186

<210> 1354
 <211> 365
 <212> DNA

<213> homo sapiens

<400> 1354

ggtgggagag	cggaggatta	cgcgagcaa	ctcaggaacc	tctccagagc	cagtgtaccc	60
taagatttcc	cacttgctga	gtctactgtc	tccatccccc	catccccaag	gcctcctctc	120
tggctgctgt	caactcatgt	gatacctcag	tcagcaccag	gcacaggtga	gcacctgagt	180
ccccagagta	tacacactct	ggctcctcgg	ggaacagaca	cctgctgggt	ctgcaaagga	240
cacagagcac	atgctctgaa	tgccccaagg	ggacatcaaa	agcactaaca	gttcacacct	300
atggagcact	cctgtgtgcc	tgaactccat	gctaagcttg	cctttattaa	cctgtttcat	360
cctca						365

<210> 1355

<211> 447

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(447)

<223> n = A,T,C or G

<400> 1355

aagcaagagc	aacggctcta	tatctggatc	actgcagtgc	ctagaagata	caacagcaca	60
atttacaaat	ccaaatttcc	aggaagtctc	tccacatacc	tctagtacaa	aagatgcttc	120
agagactaga	gggtcagaga	ggaaagagag	gaaatattca	actctcagtt	caggacaaaa	180
gggaagaaag	cctgctgttg	aaagaaatcc	aagaatgact	gtgtctgcaa	ctcgctcctt	240
tctgtaaagt	attcatgggt	ctttacttaa	aatatttgct	cttatgatcg	tcaatattaa	300
tagttatgct	ttgnaaaaga	atttattcct	tactttataa	ttaaatggat	gattctaagt	360
tattatatgt	ttaagttgct	atagtaagat	gatgtgaaaag	atgttggtgcc	tggtaaatat	420
ttctgggagc	tttgctttat	ttttata				447

<210> 1356

<211> 269

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(269)

<223> n = A,T,C or G

<400> 1356

cagacccatt	aatacgataa	gggctccgac	ncattannnn	ggaaggaagg	ncantcnttg	60
ttnaaagana	tgtgntcang	aaaactttga	ntagcacctg	ggaatgtacg	gacactgtgg	120
tctgggcttc	tgntgaatgn	atgctccagg	gaacaccggg	taacccttga	agaagnacac	180
atnatggtn	gcccanaatac	tcancnnga	tcacccca	gggtaaggc	tgngnctgtg	240
gaaaagagca	tcaaacttgc	tctcttaaa				269

<210> 1357

<211> 372

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(372)

<223> n = A,T,C or G

<400> 1357

tggctgactg	acctactcgn	ttgcagactt	gccngggttac	caaagtctct	ncctagagac	60
tggagcttga	atatcatnac	cggaccatcg	tccttggttag	ctgggttanct	attgntgana	120
aanacgttct	gccngatcct	nangnnaaat	nnctntttat	ttnctggggc	acaagcaggc	180
catgcnaggc	actgtgctgt	gnatctancg	gngcaccttt	tcagtaaaaag	ggggggccnn	240

caannnnncc	cnaactntgg	catattgntt	tgctatanag	attctgaagg	acccagnctt	300
ttggaaagta	ctggtttaac	aagggtttgg	cancgtnaaa	acatgangag	ccctctggct	360
cctaacaaga	ga					372

<210> 1358
 <211> 548
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(548)
 <223> n = A,T,C or G

<400> 1358						
gaattcagcc	tgggaaagan	aagaaacacg	gaggagaata	ttngattaac	atTTTTccaa	60
cgtgaccaca	tcacaggggc	ggtgnggccg	gaattctcac	cntggactgg	gctccaggac	120
ccagggcaga	cacagggcgt	ttggagttgg	acgcacccac	ccttttcaca	gactggaaaa	180
ccangtcgca	aaaggaaaga	ngacaagggg	acaccgnggn	tccagcctta	ggacccaggc	240
agaagtaatg	ccctccnggg	ttgctgnncc	nagggngggg	cctacaagag	gntttttagg	300
caccaaaggt	ttagntagcc	cgcattgctc	cganacaggc	aggttgccct	tgaatntggt	360
actnatagct	gggggtnttt	aaananatna	ctcacntnnt	ntgcgccttg	tttctncanc	420
tgntgtagcc	ctggcancnt	tttttctnna	anggntatgg	nncctnagga	natcnntgnt	480
aagnntnnan	ncaggttctt	tttttaaagc	cacgggcact	ctgnttccca	cntgcctttg	540
ttttaaaa						548

<210> 1359
 <211> 580
 <212> DNA
 <213> homo sapiens

<400> 1359						
caggatggcc	tggacttctt	cacagtatgg	tggtctgggga	gcaagaggaa	aaggcccaat	60
gtgcaagcac	ttatggagcc	tctgcctgca	tcacatttgc	taatgtccca	ttggctaaag	120
caaatcacat	ggccaagctc	aagtctatgt	ggaaggagac	tacacaagaa	cagaaatact	180
gggaggcata	attctccaac	agctgcaaag	taacagtcta	tcacaatttc	taattccagc	240
tcttgagcc	agaagacact	gttgggtttt	tagatgcagg	gacagcccag	agatccaagc	300
agaggaaata	cgtttggctc	tgggagagtc	tggagtctta	ttagcagcta	aagagcctga	360
ctgggttggt	gcattgtgact	ccatggtgca	atacagcctc	tccagcccag	gggccataac	420
aataagaagc	ctccataact	gggagccagt	gaatgaagg	atcctgaaca	agcatgaaaa	480
gaagtatcag	ctcaaacaga	agttctatgg	gtctaggatg	ggatcttggc	cccagagtgg	540
gaagcggaag	aataaacacc	ccagctttct	tgccctctca			580

<210> 1360
 <211> 483
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 1360						
aattttataaa	tctttgatgc	ttcagagtcc	acactgaaat	gtggaggcac	atgaccatgt	60
gacatttggt	gccgtaactc	agatcgggga	acctcccttg	ggagatcagt	cccctgtcat	120
cctgctcttt	gctccatgag	aaagatccac	ctatgacctc	tggtcctcag	accaaccagc	180
ccaaggaaca	tctcaccaat	tttaaattgg	gaaggaaacct	cttctgtcca	ttgtccctga	240
gatgtgcact	caagttgagt	tgatccatgt	aattcaaata	cctcctcaca	gctgaaggca	300
caagaggact	tgtaggtgaa	ttctccaata	ggggaatgag	cacacctcac	caaacccttc	360
gggggctggt	ggacagcatc	gcattctcaca	agctggacac	acgaaaaaac	acnttaaaaag	420
tttggttgca	tcttcaacaa	taccntttcc	aaggnaacca	agttcccaac	tctttaataa	480
gtt						483

<210> 1361
 <211> 691
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(691)
 <223> n = A,T,C or G

<400> 1361
 gtgggtgcaca attggcccaa aatccccggg atnaacaaag gtcttccatt ggaaactggc 60
 ttgggtggaa gctaaggga taaattaaaa aacccccctg gacattcacc aattccaaga 120
 aagcttcaca aaggacttgg cattaatatt aaaggggggg cttgggcttg gtaagcttgg 180
 caagcttggga aaggggaagc ttggaccaag ccaagcttga accccttcac aacttcaacc 240
 ttaagccacc atgggacatt cggccattcc caccaccct tgggaatccc gcccgcccct 300
 tcttttccct ttccactccc ccaagcccg cctttttgac caagtttctt tcgggaagaa 360
 gcaccttggt ggggaagtct tgatcttttc cgggacgggc tactttccct tgggaagtccc 420
 ttctaccttt cgggccaccc tcctttcctt gcggggcacc caagcttggg gtttgggaca 480
 ctggggactc tcaagaagat gccgccttgg gaagaaaaag ggacaagggg ttctcttggg 540
 caaaccttgg atgggggaaa gcactttctt cccaagaag ggaacttcaa aaaaggttta 600
 agggnggggt gggggagaat ggtggaantg agggngccat gggaaaaaca tggaaagaag 660
 cggccagggg atggaaacat ggggttcaat c 691

<210> 1362
 <211> 529
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(529)
 <223> n = A,T,C or G

<400> 1362
 ctggagtggga tgaatcagaa ctttcccccatt ggggagcatt tataaaaagg ggacacccag 60
 cgcagaagat gttttccagg gagatctcgg ggagcccaac aagccaagaa gagcagagca 120
 aagcattcca aggaaggact ctaagtctgc aaccgagcac acacgagggt agcctacgca 180
 tgtacgtctt gcagtgatgg caaggagcag gagaaagaaa gcccatccaa acaagcatat 240
 tggaaagccta tgtatcccat aagctgacat cttgttgccc aaagcatgtc atgtgcgtgg 300
 tccagagtca gtgttgaagg gctctgcaaa atcacatggt aaagactgtg gtttcaggga 360
 ggaagtgaag atttgtgcgc attgctccaa ttgacaacca tgacactagg ctcaggccac 420
 acttcttccct aacaagagag caagtcaaag cgtgggtagg taaagtccat acaaaaactc 480
 actttaacag gcctnctctg gattgaacag ctgatattaa gtcataagg 529

<210> 1363
 <211> 475
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 1363
 cagaattgga gaagaaagga ggaagaagga acgggttggt cttgcttgac tcatgagtgg 60
 gttngaggga gaagaaagta gaggcggtga ataaggagg aatatttttag aaggctttac 120
 caagaatgtg gaattacact atggctttaa gaatttggcc agaaagaggt cagaggagga 180
 cagagcaaac ttcagaaata gacaaggctt tactctgcta cccaagctgg agtgcaatgg 240
 tatgatcata gcttactaca gcattgaact tctggattca agagattccc ccacgttggc 300
 caccacaagta gctggaacta caggcatgta ccatcacacc cagcttatat atgnatataa 360
 ttatTTTTTgg acatacagga tctcactaca ttgcccgaagc tgctctcaaa cttctggcct 420

taagatgata cttctgcttc tgccctctcaa agggctngga ttataggcat aaacc

475

<210> 1364

<211> 467

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(467)

<223> n = A,T,C or G

<400> 1364

tgctaactga	gtgttntcag	nttaatgaag	aatgatacag	atgaaggga	gctggggaaa	60
agaactcacc	ccttttgcac	acctaccctg	ctccaggtgc	tctgcatctg	ccaccgtgca	120
gattgttaca	gcaactcacc	agaccacaac	ttgcagctca	caacacaaca	ggaagcttaa	180
agatgctttg	cttgctaaag	tggaaggctg	aaaggagcag	aaccagaaga	gtgctggaga	240
gatggatgtg	ggtaggcgtt	gttttatgta	cttacaaaag	aagagctgca	agtagcatat	300
gaatctccgg	ttcaattaga	caaacttgta	gagaagaaaa	agaacttcct	caagaaactg	360
accaccacc	tggaagtgtt	aagaattgac	cactcaacaa	cgctggatta	tagcaaataa	420
attttcacgt	tagattgtta	aaaaaaaaata	gtgaaccctt	acaccgc		467

<210> 1365

<211> 303

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(303)

<223> n = A,T,C or G

<400> 1365

gtagcagaat	gaactaccta	ctcgcctgaa	tnaangcttc	cacctcanct	gccanannat	60
nccgggatta	caggcctgag	ccactgcagc	cagccagntt	gttatattta	tgtaaattct	120
tagtaaacia	ctcaggagct	ctcttgcctt	tttaaaatcc	atttcaactt	ctgctaateg	180
gagtgtatat	tcagggcaac	ttgaatctgt	gtccttgga	tgcaatcctc	aagcttgccc	240
caaataaaag	tcttcgctga	tattanaaaa	aacacacnca	tnactgagg	gcatactcac	300
ctt						303

<210> 1366

<211> 156

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(156)

<223> n = A,T,C or G

<400> 1366

cttgttacat	catggncnca	ggatnaaatg	ctacagctct	ggacatcaca	tcaaaatatn	60
ggcnggaagc	taaagcacgg	aagacagaga	agagagncna	aaacangtnt	atncactttg	120
tgngcntctt	cataatgaac	gaataaacga	tatgtg			156

<210> 1367

<211> 370

<212> DNA

<213> homo sapiens

<400> 1367

tgctcacctt	ctccagaccc	agggttgaat	gaccagctca	gaagccatca	cacaaaactc	60
atatttgaat	ggggacaagg	ctcagggcac	caattgagaa	tgtcagagaa	agaaagccta	120

gaagaaatgt	taactgcttt	tgccctctgta	aatgactgtt	ccaagatgga	ggtcttgggg	180
caggaaaggt	tagacgggta	atatgctgag	attgtaacaa	ggttcagagg	gtggcatgtc	240
tcacacacat	gcgtgaacac	ccaaacatca	tgcccatgaa	ctacaaaagg	atctctcact	300
tatgttttaa	agcagttatt	ttgaatgcct	cgaaccacaa	ttcaaacctg	ttatttgaaa	360
ataataaaaa						370

<210> 1368
 <211> 443
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 1368						
aatatgagcg	tccatcatgg	accaaccaat	aacttcaata	aaaagtgctg	tatcccctgg	60
cagatgatga	gtatcttcaa	gatggctgga	gtgcaatggg	gtgacgtcgc	tcactgcaac	120
ctccgcctcc	tgtgctcaag	agatcctccc	acctcagcct	cctgaataac	tgggaccaca	180
ggtgcatacc	accatgcctg	cacaattttt	gtattttttg	tagagatggg	gtttcgccat	240
gttgctcagg	ctggtcttga	actcctgggc	ccaagcaatc	caccacctc	ggcctccaaa	300
agtgtctggg	ttacagtgtg	agccacggcg	cctgacctta	tgtcaatttt	aactgagatt	360
cacattttac	atatttttga	tcatataaag	ncaagntgga	gaatgggtaa	gttgatgggg	420
cagacaaaaa	ataacttcac	ttt				443

<210> 1369
 <211> 359
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(359)
 <223> n = A,T,C or G

<400> 1369						
caaattcacg	gaggggggng	caggaagttt	tccttncacc	ctgtaggggn	cttttactcn	60
nntntgaggg	gnccagncca	aggcgttcca	cgancctnca	ccaaggagac	tganngnngn	120
tttacatacc	taaagcggtg	ncnaacctcc	tgacctnagg	tgatccaccc	tgtnntggcc	180
tcccaaagtt	ctaggnnttac	aagtgtgtgag	ccaccacacc	cagcctgctt	ttaaagtatt	240
tngaaatcag	gaaatnccgaa	cntctctttt	cttnttattt	caagattgtc	tttggctatt	300
ccngcacccc	tttcttttct	tcatatnaaa	ttnttaataa	accagccttt	gcattttctg	359

<210> 1370
 <211> 388
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 1370						
tgaagatggc	tcctgtcctt	tcgcaacatg	gcacncgagc	catgngtttg	anacgnatgc	60
anaggctgct	gcggcgctga	agaccccagc	gagacaatca	naaagagaaa	gngcgcanaa	120
gaaacatctg	cccccaagtg	atggaaatac	accaaagtct	gttttcagga	ttgctctgtc	180
gtttttttgga	ataaattatt	tttctgctct	ctacggaaca	atactcaaac	taataaaaaac	240
aatttagtta	gttgtgacat	gctaaagcat	gtagttaaaa	agcagtaact	agttacaaat	300
atctaattggg	agaaacagtt	tccaataacc	atagctacag	aaattgtcaa	atatctagaa	360
taaactttcta	tgaaatgagc	aaaaaaaa				388

```

<210> 1371
<211> 351
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(351)
<223> n = A,T,C or G

<400> 1371
ggtgcacacg cctcacactg tgacacagcg ggagagccca gagcgacagc tgttggaatg      60
actgcactct toctgctcaa gtctgacctt tccaagggtc tcactctgtc acccagggtg      120
gagtaaagtg gtatgatcat ggtcactgca gcctcgaaact cctgggctca ggcaatcctc      180
ctgcctcagc ctcttgagta gctgggaactc agcctttgtc ctatgtcttg agacttcttg      240
aactgaccca aatantcaga aacttgggat  ggcatgatag actgnttcgg gaacctgcac      300
ttgncggtgg cnaggaatag gaancaangc agactaagct agactggagg g              351

<210> 1372
<211> 157
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 1372
tctctggtga tttggaacng gnatgggcna tttattattg nacctnaact agttngacct      60
nnctnaaann gtgggnnact actcaacctt ttgagcaagt tcagcctggt taagtccaag      120
ctnaattggc caattctttt gntttttacc ctggaaa              157

<210> 1373
<211> 567
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G

<400> 1373
ggaatcaagg cttctagaca ccaccggatg agtcaaggta ccgtggccca gacaaactaa      60
gcactggntc tgtcaccaca tagacacaaa ggcnttcaag aaaccacagc cctntggctt      120
tgntgctcct tccttcataa tcaaatcaac agagtgtgtt tgtngaattn acccacaaca      180
caaacagatg ccgcgaaaca ccttgagcgg gntggccggc agaaatgcc actgagcggg      240
ctgtgattca ctcgaggagga ggaaggcctc ggagggcagc caatcgaaga cggacccagg      300
gaaaagtcgc tgggttctta caggaagcga tctaattatg ttactgtaat cctcaagctc      360
gcatttttca gccacctcaa cacgaactca cagacttcaa cgattatgta attacggaaa      420
acttcacaac aaacatgaag attccttctg gaggccacat tgaaagaccg ggatgtgcat      480
tagagcgtgg gagggaaagc acgcagctca caaaaaggaa gagcaaaaga gatgtatttg      540
acttaaaang ctacatttga aaaaggg              567

<210> 1374
<211> 488
<212> DNA
<213> homo sapiens

<400> 1374
tgtctgcagc ttcattcctg aagccagcga gaccatgagc ccaccgggag gaacgaacaa      60
ctccagacgc gctgtcttaa gagctgtaac agtcacctcg aaggtctgca gcttcactcc      120

```

tgagccagcg	agaccacgaa	cccaccagaa	gtaagaaact	ctgaacacat	ccgaacatca	180
gaaggaacaa	actccagagg	cgccacctta	agagctgtaa	cactcaccgc	gagcgtctgc	240
ggcttcattc	ttgaagtcag	tgagaccaag	aaccaccaa	ttctggacac	aataggattt	300
aagaaccaca	atctggatgc	ttattgtgtt	aattactgct	gagttgtcat	tccttttaga	360
ctttttcaag	ggacagagca	atgaaatatg	catttttaaa	tttattttta	aagataaaat	420
gagtttatag	tgatatgtca	attcaaacgt	tagattatta	aaattttttac	ttaccttcca	480
aaaaaaaa						488

<210> 1375
 <211> 501
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 1375						
gtctataaac	catctggaaa	tgtttctgca	cacggcatgg	aaggagagcc	aattgtacag	60
atgtacagct	gcctccttgt	actctatcga	atgggtgact	ctccccactg	catcagtggg	120
gntcaagctt	gnttancanc	aatactcttt	atcactgggc	aggaaatcaa	gtcaccattt	180
gtccacaaaa	acagtttgaa	gaccactgtt	ccagagaagg	ctttagcacg	ggttggattt	240
tggaacagcat	ancagctctc	tcctgttgat	gggaccccg	atgggtgaatt	cctttggcag	300
ttggactggg	aacagnttgg	aagtntctgg	ttacctgctc	tggggacacc	tagactattc	360
tgatggcctg	agcatatcaa	aagccttccc	cacactgtcc	ctctcttncc	tacatgttcn	420
taagacatgg	ggctaatttc	ttcnttttga	caacagccca	aattntgggt	ccaggcctcc	480
tgggcctcca	ggtgcaacgg	g				501

<210> 1376
 <211> 248
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 1376						
gattgtgtgt	gtggagcgnc	ggacacacgt	gggtgcccc	tgnatatcac	caaaagagan	60
gacagccctc	aaganggtgt	ctgaggtcan	agtgtaanct	ncgnnnaaac	tnncancctg	120
gcctgcanga	tggaanctcg	ntgtggcacc	caggtcgnag	tncatngent	ggantncatc	180
tcantgttgc	ctccgcctcc	tgagataaga	atnacactcc	tgcccttgct	tcaccttcca	240
gtgtgtctt						248

<210> 1377
 <211> 571
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(571)
 <223> n = A,T,C or G

<400> 1377						
agaggacatc	ttgctgtgct	ttccaggctg	gacctgaatg	aacttctggg	ctcaatcaat	60
ccttcacact	cagcctaaca	tttacctgg	gagcagagat	gcatttggag	taggtgatga	120
ttttggaatg	ctttagaagc	aacataggta	tctgatttca	tcaggtcaag	ccatcaaaaa	180
tgaccaataa	atctctgacc	tcttagaagc	aatttgaaga	cccaaatttt	ggccatcatc	240
aaaattcgtg	ttcattcaaa	attagacatt	ctggagagca	aggacaatca	ttttgctgat	300
gctgcagcta	agaatgcagc	tctgaagttg	acatcagaca	cagaactcct	cgaaatgacc	360

ttgctgactt	atgacccatt	gaagacttca	ttagaagtac	aagtgggctg	ggcatgggtg	420
ctcatgcctg	taatccca	ctttggggang	gccangctgg	cggatcacct	gaggncagag	480
nttgagaaca	gcctgggcaa	caanagggaa	atctgctttc	taaaaatcca	aaattanctg	540
ggnggggaaa	catgntataa	tccctggtac	t			571

<210> 1378
 <211> 278
 <212> DNA
 <213> homo sapiens

<400> 1378						
aaaaagaagc	attcgatgga	ccaacgatat	aagaagaaaa	gctagaaata	ctggttgtca	60
aatatttgca	atcaaagtga	tctttaaaac	aattacagat	gcaaaacata	tgtatttcgc	120
agattggagc	acaccatatt	tcatitttcct	ttattttttta	tacctttaag	tatagcacac	180
acttggaata	ggacaactta	tgtatgtaga	aaatgcacct	ttcctctcaa	actcactcat	240
ctgaaataaa	actgcttata	tccctgcccc	aaaaaaaa			278

<210> 1379
 <211> 409
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 1379						
gtgcagcagg	aaacgcctga	cctctcaccc	tgcccctgca	atgacctcaa	cctcacttat	60
ggggaccacc	ctctgggctg	ccctaagtga	gacctatgat	cacctctcca	ggttgactgc	120
cgaatagcag	gagaagatga	acctgaaatt	gaatggttat	tgcaaccag	ttttttcggt	180
cgaaggtga	aggttactta	gctttttgtg	ctgccttcaa	gcttggttaat	gaaaagatgg	240
aaaaacaata	ttgacatcag	tgaagtccaa	tttgttcaga	aatggaactt	gattttattat	300
agaaatgaga	tagaagacca	atgaagaaag	tnagatttga	aataagancc	attatttggg	360
aggaaaattt	ggcaaaaatt	tttaanaaaa	aattattact	ttttttaac		409

<210> 1380
 <211> 319
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = A,T,C or G

<400> 1380						
gaaactgtga	tggttggaac	tcangcagnc	acagtggatc	ataagggacn	ggngncttgc	60
tatgttgtcc	aagctgnnct	canactggcc	tgaatcantg	cttncacctc	anntgccana	120
ngaaccggga	ttacaggcct	gagccactgc	agccagccag	tttgttattt	taatgtaaat	180
tcttagtaaa	caactcagga	gctctcttgt	ccttttaaaa	tccatttcaa	cttctgctaa	240
tcggagtgtg	tattcagggc	aacttgaatc	tgtgctcctg	ggatgcaatc	ctcaagcttg	300
gcccaaaaaa	aagcctccg					319

<210> 1381
 <211> 565
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(565)
 <223> n = A,T,C or G

```

<400> 1381
ctgtgatgac ggtcgaacca aacccattcc aaagaaaggt nctgtggagg gctttgagcc      60
cgcatacnnc atntgnntg ttaanatcta cngttggtna anaatgaaga actctgntnc      120
ttgnnccnnc aanntaccna nngggctctt gtgcctnatg cctgcactgt tagattncct      180
gnntctaagg ctttggacag aaactgagcc acnctaccng cttggagcca tgctatcgct      240
tctaagattc tccagcctgc acttggccta ttgtgggact tcgtctctgt gactccgtga      300
gccaatccct cctaataaat ctgcttccgt ttatccctact ganngnatnt ctggagaaca      360
ctnattnttg catntaccct tgggcagtaa acaacctgtc anacaatacc cagcgngact      420
tggaagcac agtgactttc agagagaaga ttgtctggga aaggcctaan attgagggca      480
atgggaaggg ttttctttct tccctcta atgataaccna ncttntact caaacccctt      540
ngataaaaa aggagaaatca agcggg

```

```

<210> 1382
<211> 406
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

```

```

<400> 1382
acagcactaa accctccnag cactggantc tgccactcgc gctcgancga cgtgtacaga      60
agagctgntt tncattggn atgctntctt aaagtntagg antccctggc actctntcnt      120
attactacat tttatcagcg cngagnatga catgcntngg gaccgnntna gtctnccgac      180
tntcttaaag gactcgatac gaacatgcat agacttcacc nactccgtta cgaacggccc      240
natctaaata aagncatgac attttaaaca gctgaaaggg gncnngntg ccattncctt      300
tggtctaacn aggtgggatt tncacngaag atgaagatnt cgataacctnc cacacagtaa      360
ttncactggt gggcatatga ccagcattat ccaacttatt aagcat

```

```

<210> 1383
<211> 538
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(538)
<223> n = A,T,C or G

```

```

<400> 1383
ctctgtgtag ctctcctggg tcatggttct caactcctcc agggagtga gtttgaagct      60
ggagaagtgg agaaggaaca cagaatttgt tctcaagtct ctaagtctca agtctctatg      120
ttctggagggt cagaagggtca acatgggact ccccagcta aaatcaaagt ggcagcaggg      180
ttgtgctcct tctgaaggcc ctaaaggaga atctatttcc tccattgttt tcagcctcta      240
gaggacatct gctttccttt gcttgtggcc ccttcctcca tcctcaaagc cggtaatggc      300
agatcagcta cttaccagtt tccctgaacc tatgaagatg ccagaggccg tctctggagt      360
gaggcctctc tgttggtttt gagctgcagc atgccaccca gagcagcctc tgatcccagc      420
ctcagaccca ggcttctgaa accagaccag gtcagaaggc aactgagaca tggcttcaca      480
tctgggatat ggtgaaagnt tcangactgc agggacctac ntaaacaggg tggtatatt      538

```

```

<210> 1384
<211> 289
<212> DNA
<213> homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

```

```

<400> 1384

```

catccatcca	gatgaacgtt	gcgaggttga	caccttcaca	ngcnctttta	atggccacct	60
tnaaaattat	tctatntgcn	gagncctttcg	gaggatgggg	gattcagang	atgtcnttct	120
cctntgtgcn	gagncgatgg	catttgactc	aaagaanttt	tgactggacn	agaatcacat	180
tatgtggaat	atttgacata	cntaaattat	gtaggcntnc	acattttcca	aacagtcgag	240
gaacagaaag	aacangggagg	ggtctganga	gttagaactc	accatacac		289

<210> 1385
 <211> 222
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

tgagccacca	tgccccacca	ggattcactt	tttctgnata	ctntgggggg	gnanattggn	60
atcntnacnt	tttatttagc	attagaatgt	taanagcgcc	atgtntaan	cacactccta	120
ccctccnngc	anaatgnaaa	gggnatggat	ttatatattn	naagnggacc	cactcatttt	180
gtacanctat	agccgtcaca	actatttctc	cctatgtttg	ct		222

<210> 1386
 <211> 274
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

tgccaagtgtg	tgcccgagtgc	tgtattttgcc	tanaggactg	aaggacaagt	gnagctgctn	60
gccctnatgc	tgaacngccc	cgcttnaana	tgtatagaac	gcgacttcna	canacctgga	120
ttttttatgt	acnacnttga	ccgtgaccgg	gaactatat	cctttntcta	tganaataat	180
gtagaatgat	atgnangcan	ctttgacttg	aaaaaactnt	taacatgggg	ccannaacgc	240
aaataaannt	ggcacttaac	ccctttaatt	tggg			274

<210> 1387
 <211> 269
 <212> DNA
 <213> homo sapiens

atgagctcag	aaagctgctg	ctgttgattg	tctggccatg	gaaagagttc	tcagtcaa	60
gaaagtctct	gccttgggat	ttattaaaca	cttttattct	ttgacttttc	acacaaattt	120
tgacgcatca	ggtatccctt	ccccttctgc	tgtctgccat	agtggaaaca	gcctgaggcc	180
cttgccagat	atagatgttc	aaacctggac	tttccagcca	ccagaatcgt	cagccaaata	240
aacttctttt	cttttctaaat	caaaaaaaaa				269

<210> 1388
 <211> 172
 <212> DNA
 <213> homo sapiens

attgctatct	tgccacagag	ggttcttttg	cattgctcca	agtgctgagt	tgcaaacc	60
taaacagtgt	cttaacagtt	ttatctatcc	aagaacaatt	ggatggccaa	acgacattaa	120
aaagcaaatg	agaagtacca	tgacaattca	agagagaaac	ctcaaaaaaa	aa	172

<210> 1389
 <211> 177


```

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 1389
tctcagctta gcagcttgaa gactgacnt accanncaga cntgctcaa aagnagaaat      60
ctnannagcc ttttgagcan gttcagcctg ggtaagncca agctgaagtg gccantttctt    120
ttgntttnta ccctgggann aaatcctcaa aagccacctn ngttatttac cccaaat      177

<210> 1390
<211> 471
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 1390
gcatgggagc gtgcaggaca ccagagagga gagtgtggag ctccagcgag tgtcagcggg      60
gactgttact accacggagg agaggagggg gtcaccagac ccaagacagc gctgcagtga    120
ggaggggtct gcttgatggg gctgggactt tcagccgagc aatgccctca gcccgtagacc    180
gcctctcagg gaaacgaatg cgctgagctc acgatcttcc ctcccttctc tcagtgttct    240
gcctgggcac cccattgact gagctcaaca ggttcaaggc ggtcttcctt gggcacagag    300
caagatatac agcccacccc ctccccagca gagtgaagg agcccatcaa agatgcagtt    360
ttgccacgtt ggccangctt ggtctaaaac ttctgacctc aagtgatcta ccctcctcgg    420
ctcccaaag tgctgggatt aaaggtgtgc accacttgcc cccagcgcat g              471

<210> 1391
<211> 212
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 1391
agacgggggt tcgccatgtt ggccagactg gtctcgaact cctgacctca gctgatccac      60
ctgcctaggc ctcacaaagt gctggaatta taggtgtgag ccaccgtgcc cggcctgatac    120
tcattggatc tttgcagcaa tttgatgaat tgggtgttct cgttatcccc aggtgacagg    180
caactgaggc ccanaagaag gaagtaaaaa aa                                212

<210> 1392
<211> 383
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 1392
ctgcctcatc ccttggtgag gccaaaggagg gagtcccagc accaccagca cccgccaccc      60
tccctgtctc aagaggaaga gggccccagg gcaccaatgc ctgcaaccat cagagacaca    120
gaaagatgct ccctgngttc aggagtgagc cgtgtttgct gcagctcngg aaggcaaagg    180

```

gaaaagccat	gtgacatccc	ggacccccggg	gaccacaaaag	cagggtcatga	gaccctcagg	240
tgggaggtgc	ctccccctgta	cctggaggag	gggaacagaa	gatgcaaaga	tgccaagaag	300
aacctgaaca	aacaggcctt	gctaagctcc	cccaaggtta	ttatcattaa	atcagaagct	360
ttttgttggt	gtaaaaaaaa	aaa				383

<210> 1393
 <211> 468
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 1393						
gcatctggag	gtagaagaca	gaaaagagac	taagagcggg	gaatagactc	aaccattcta	60
gaatacagcc	cggatgtggt	acaggatcct	gccctggagt	cctcgcgcaa	tcaatgttta	120
tgctgtgctc	tgctgggctg	tgctgggctg	gcctgggctg	tgctgtgctg	tgctgtgctg	180
tgctgtgctg	tgctgtgctg	tgctgggctg	tgctgggctg	tgctaggcgg	tactagggtg	240
tgctaggctc	ctgccccatc	acaaatggtt	gcaacaagat	tgattagaaa	gggtaccatt	300
agattcagct	gactgggttc	attangagaa	aggttcac	ctcttaacac	atcaaactct	360
cccctatgtc	aatcnttcac	ttgacatcaa	gggctgggct	tctggctcct	cttctcttct	420
ctgacattgg	ctgngcanaa	acatggaact	ttngctgttc	attaaacc		468

<210> 1394
 <211> 495
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(495)
 <223> n = A,T,C or G

<400> 1394						
gctcctgatt	aagtagaact	gagggctctca	ctctgtcgcc	caggctggag	tgcaagtggcg	60
caatctcggc	tcaccgcaac	ctccacctcc	caggttcaag	tgattctccc	atctcagcct	120
cccaagtagc	tgggaccacg	ggcacatgcc	accatgtctg	tgtaattttt	gtatttttaa	180
tagagacggg	gtttcatcat	gttggccaga	tgggtgtcag	gcctctgagc	ccaagctaag	240
ccatcatatc	ccctgtgacc	tgcacgtata	catccagatc	acctgaagca	actgaagatc	300
cacaaaagaa	gtgacaatag	ccttaactga	tgacattcca	ccactgtaat	ttgtttctgc	360
cccaccctaa	ctgatcaatg	tactctgtaa	tcttccccac	cttaaaaang	gtctttggta	420
attcttcccc	acccttgaga	atgggtacttt	ggngagaatc	caccactggg	cccgcaaaac	480
gttgctctta	attcc					495

<210> 1395
 <211> 467
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

<400> 1395						
gtaagttctt	cataagcang	tgcgagaatg	ggctaataca	ggctcctact	ggttctacgt	60
tatgagatga	ggtctctccg	tgttgccag	gctgggtctca	aactcctgta	ctcaagagat	120
cctaccatct	cagcttccc	agcctctggg	accacaggaa	tgtgccacca	tgctccggcta	180
atthttataat	tttagagatg	gggtctatgt	taccaggct	ggctcctcaa	tcctgggctc	240
aagtgatcct	ctgacctcag	cctcttgagt	agctgggacc	acaggactgc	accaccatgc	300
ccaggttatt	ttatthttaga	gacaggggtct	cactatattg	cccaggctgg	tctcaaactc	360

```

ctgacctcaa agcgatcccc caatctcaac ccttcccaag tcctaggatt acaggggagg      420
gagccacnt  gccagcctc  aacaaagctt  tttgagtatc  tgctctg      467

<210> 1396
<211> 359
<212> DNA
<213> homo sapiens

<400> 1396
gaccataaaa cagcctcagg cgggtacttc agaaggtatt ccagaagaag gcattgagct      60
atcacaggaa atgatatgctt cgtgtgtcat tgcccctgaa gaccttccag tggacaagac      120
gtggaggagg aagatagtgga cattaatgat tctgaccttg tgcgggacta ggctagtgtg      180
tttgtgtctt ggtttttaac aaaaaagttt taaaaataag tatacaagat taaaacattt      240
aaaaatagga aaaaagctta tagaataagg atataaagga aaatattttt gtatagctgt      300
gtaattgttt gttttaagct gtgttattac aaaagaatca aaaagtttaa aaaattaaa      359

<210> 1397
<211> 275
<212> DNA
<213> homo sapiens

<400> 1397
gaaagccagc tgccatgtgg gtgagtgtca ggcctctgag cccaagctaa gccgtcatat      60
cccctgtgac ctgcacgtac acatccagat ggccggaagc aactgaagat ccacaaaaga      120
agtgaaaata gccttaactg atgacattcc accatggtga tttgttcctg cccacteta      180
actgatatga tatattctcc cctccacccc acttaagaag actcagccca cctgcaccca      240
ggtgaaataa acagccttgt tgctcacaaa aaaaa      275

<210> 1398
<211> 249
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 1398
ttgaggaacc ccaggcttna ctggaagcag agcagcaaag aaggagagaa gagaagaagc      60
agcttaacat cagtgagaag cagcttgact tcagagggac ggcttgatgg cggaatctca      120
gagagagttc agctggggac ggccagactc caggagaaga tcacattccc actccattcc      180
ctttccagct ctccatccca ctgacagcca ctttcatcag caataaaatc tcctgaattt      240
aaaaaaaaa      249

<210> 1399
<211> 218
<212> DNA
<213> homo sapiens

<400> 1399
gaaccctctg aatgtgcata tgctgtggga aagcacaaca gaatctttgt tctgccaaacc      60
agggatgtgc acagtgactc actccaaaaa tgactccaag tacaatgggtg ctctctcgcc      120
aattcagaaa aaaactctgc aagtgtacat ttgaagacca tttttctaaa ttctgtaaca      180
gattaataaa tggttatact aaatttttaa aaaaaaaa      218

<210> 1400
<211> 109
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature

```

```

<222> (1)...(109)
<223> n = A,T,C or G

<400> 1400
cagttcgctc cttcctgata aaaattgccc aaaaggctgc ttnaaggaat ctgnccacag      60
ctnccccata gaaggattcn tgancagatc aggacactta ccaaagtga      109

<210> 1401
<211> 317
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 1401
gatctgcagc acaagttctg aaaatgcagc caacaccaga gtggcccagg aggtgagcac      60
ggggctctga agccagattt gccagagttc caatcacagc cccagccat cagagagaca      120
gacagagaca gacaaacagg cagagccgca gtgcacacgg tccgtgtgtc ggagaggccg      180
ccaggagact caccgcagca ntgctacgtg aatgcagagg gctggagggtg atgtgactac      240
tcacttgctc ggctaacagc tgccgggttt ggatggaatt attccgcaac aacaagaaag      300
cgtcgggttaa aaaaaaa      317

<210> 1402
<211> 391
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 1402
ctgaagcgag actacaatat cccctgctac gtgtaactct tcataccatg tgcctaaagc      60
ttagaatgtg tcattcctga cccccgacct agtgataatg agcttctgtc aaaaagctga      120
tgtcaagaag tcagatactg cagtaacctg aagcatcggg ttctatcccc gcagcagcta      180
ctaactcact gtgcagacaa gactcgagtt atgcagctgc aaaccaggga acaccaaaaga      240
ctgcaagcaa gccaccagaa gcttgaaaga ggagaagaaa gatttctcta cagatcttan      300
aggaagcatg gccttgctga caccttgatt tcagacttct aacctccagg actatgagac      360
aataaatttc tgttgttctg agcaaaaaaa a      391

<210> 1403
<211> 440
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 1403
ggtgtcctcg gcttgacctc atttgtaggt tgaaaggaag aagcgaaagg agggagatat      60
cgaagggcag gagatgctgg gacattggga gtggaatgac aggacctatg cgatctctta      120
ggaagattca attcaccaga aggcttgagg atagtgtgga gaggagacta gaggtaagca      180
gcagagctga ggctgcacaa gtgactcaag gccagaagct ttcccagggt gtcttgactt      240
aagcttggag gaagtaatct cgtcccgaag ctctccttcc agagggtgca agcatttcaa      300
gactcagaga caccacactg ctactctggt caagagatga ctgtttggca cagatatcca      360
gaaagaagaa ttcagcttcg gactgtctgc aaaagtaatc tcaaaccaga tggnggtctt      420
ttgctcaaac cctttccaaa      440

```

<210> 1404
 <211> 371
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(371)
 <223> n = A,T,C or G

```
<400> 1404
gatctgcccc gctgtacaga aagatcaacc agatgatgac taanctcaaa actcatgtga      60
aagccagacn gcctcantca cngaattgcta caatggncct acagtagtaa gctttctacg      120
aatatgatca tagtactcgc atatnactga tatncccgca tcacttcgtg ggggattatc      180
cattactctg ataggggact cactctnacb gccnggatng annnctgtng nnaatnacb      240
tttncntgat tegtgtgcta cccggtttta agtgaccttt ccantttctaa ctccctaagc      300
cntttgtcac ttaacanttg ggntgccact nnacgccgga aaaattttctt ataatacagc      360
cagactgggc t                                     371
```

<210> 1405
 <211> 579
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

```
<400> 1405
gccaaagaaa tgcaaaactcc agngaacatt cccgtgcctg tgctnccgct tgccccgggg      60
cccttgatgg ctttcananc gtgggggttng nccttgatgg acaccataag ccccttttga      120
ngncagaagg ttntctggaaa tccaggaagt ggtcccataa gcttcangaa ataccttgga      180
atcccaagga agcaagcggg gcacnaatcc gtccctttng ggaagcgggt annttcngca      240
agcctggctg ggccatgggt ggggtcaatc aanggagaag cttttaccgt ttgcaacgaa      300
agggtgttgc gttgtgggac cncnactttt tgggaagcca cccgaacctt gggatgnngg      360
gccaaactttt tacgtgttga caancttgga nnacctttcc cttaaggngg gggccaaaaa      420
cggnaaggcc gcttgttttc cttnttgtaa nnggaaacat ttatttttca ttattaccn      480
ttccaagncc cattaaaaag aaaaattttg ggggtgcaac ttttttnntt gcttttgaaa      540
ggcttaaaag gcactttttt tttccccatg ggccctttcc                                     579
```

<210> 1406
 <211> 488
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(488)
 <223> n = A,T,C or G

```
<400> 1406
atgtccaaag tcaacaaaaa aaccttgagg atgctagcta gatgctcaga agccatccgg      60
tatgcgtggc tccttcatag cagacggcct gacagacccc gtgccaatca accttgccct      120
tgaggcctca cgaagtctt aagcgccac gcacactgtc ctctttcccc ccatgcgggg      180
ngagatggcc cggaatgag ccttcccggc agaaaaactt acatctagaa tgcgatcatc      240
actgctttga gaaganaaaa ttttgatcna ccccgagaaa tgagaaaaga aaaatagccg      300
gagctttgtg gggattctca aanattattt tggggccaaaa acacctgag tacangggcn      360
ttaagtccgg cctttccnna attaacngcc cgggggcaaa ttggtnggaa ngnaaactgg      420
gncctttctt tttcntttcc naaaaanggg ccggcctggg ccgccttaaa ggaattttt      480
tttggtgc
```

<210> 1407

```

<211> 254
<212> DNA
<213> homo sapiens

<400> 1407
cactttctcct tgctgccacc gtgtgaagaa ggacgtgttt gcttcccctt ccaccatgat      60
tgatcccacac aacataactc attaaattta gtggttgtgt ctcttttaggc ccttgtttgc      120
catgactgttt aagacttccc ttgcttttta tgaccttgac agttttgagg agttctcctg      180
tcattttctcc tcacatattt tgtagaatgt cccctaatacg ggaattatat gatggctttc      240
tcgtgaaaaa aaaa                                     254

<210> 1408
<211> 200
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(200)
<223> n = A,T,C or G

<400> 1408
ggtgcttttaa ttatgaattt gaaattgccc tggnaactann acatcatgct gatgnttntg      60
cctnttggtta attagggcan gccgnttttg aangtttnaa tacntangaa tgggcccctg      120
naaaaaaang ncgacccgaa acccatatgg gttaaggagc aacaaacatg catttncctt      180
cttanaccac atagaacatt                                200

<210> 1409
<211> 566
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(566)
<223> n = A,T,C or G

<400> 1409
acgcgcatga aatttggtgc cgtgacttgg atcggggggac ctccccttggg agctcaatcc      60
cctgtcctcc tggtctttgc tcggtgagaa agatccacct acgacctcag gtcctcagac      120
tgaccagccc aaggaacatc tcaccaattt taaatcagga gcttgctaca tgtgccggaa      180
atctggccac tgggccaagg aatgcccgaa gcccgggatt cctcctaagc tgcgtcccat      240
ctgtgtggga cccactgaa aatcggactg ttcaactcac ctggcagcca ctcccagagc      300
ccctggaact ctggcccaag gctctctgac tccttcccag atcctctcgg cttagcagct      360
gaagactgac accgccgatc gcctcgaaag ccccttagac catcacggac gccgagcttc      420
agaaggcagg aaggtcangc ctnttgaacc caaccaagcc atcgcacccc tgtgacttgc      480
acctataccc cagatgggct gaagttaact taaagaatcn caaaagaagt ggatttgncc      540
tgnccncctt ttactgatga cattcc                                566

<210> 1410
<211> 210
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(210)
<223> n = A,T,C or G

<400> 1410
ttgatagagc caaacgggnt tcagctggaa agcacatctg taccatagc cccagcctgt      60
tcntntnacn agccaaaaac agnagntgng attcnaagat tgggtcaacc ggctngaggc      120
ctgagntnna agctanacc atcacnacan cctctnatng tgannggact tttgctagaa      180

```

aaacttgttt tnaagggggg caaaaaaaaaa

210

<210> 1411
<211> 200
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(200)
<223> n = A,T,C or G

<400> 1411
gtttctgagg ctgaggtggg aggatggctc gagccccgga agcagagatt gcagngagcc 60
aagattgtgc cactgtactc cagcctgggc aacagatcca gaccttgtct ccaaaaattt 120
ttttttcagg tttctaaaga agcanagctc aaacttcctt aaaantcttt atcttaccac 180
cctcctctgc taataggaag 200

<210> 1412
<211> 297
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 1412
gtcgcaggct ggaaggttgg aatatgccct anatgctgga gcagcgaggt gcgaacgcgg 60
cggcaggaag tttctcgaca cctcagcttc ttgagtagcc gggactacag gcatatgcta 120
ccacgcctgg ctaatatattg tattttttgn agagacgagg cttcaccatg ttaccagggc 180
tgatctcaaa ctcttgagct caagcaatcc tcccaccttg gcctcccaaa gtgctgggat 240
tacagggatg agccactaca gccagtcaat aaaattactt ttaaaagcca aaaaaaa 297

<210> 1413
<211> 473
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(473)
<223> n = A,T,C or G

<400> 1413
gttggtggcg gaatctggtg atttaagaaa acgtgtttta gcctcggccg ggccgcgcct 60
gggctgtctg cgggtgctctt ccggaattct ctacaatatc tggaagtgc caagaaaatt 120
ccagaacccg gaggtgctgc cgtggagata aacatgggca cctgggaagg aactgctgga 180
ccagcagaat gagggggcaa cgccaggggc agcactgccc ggccacagag gactgtggcc 240
ccacagatga caccctcagc taccagctcc tgcactctgga agatgaccag gaggaggaag 300
gacggtctgc aagtgttcaa agtgatgttt ccaggccggg cgcccttgng ataccaanat 360
tttggaaggc ttaggcagga aaatcgcttg aacctgggag gcggagggtg cagtgcagca 420
agattgcacc actgctctnc agcctggcaa caaaggaaga ctctctctcat ttt 473

<210> 1414
<211> 436
<212> DNA
<213> homo sapiens

<400> 1414
gtggaggcat tagatggatg agaaagccag atatagaggg ggccatgtgc tgtccacact 60
ggggccgttc tgactgttat aagaggaaag atttgttgca gtctgtgcga agacacgtca 120

atcagagtgg	atttggagag	actggaccca	cgtctgcact	cctgaacttc	cctcagctcc	180
catttgcttt	agaagagatt	gagaatgtct	caccagcctg	atggaagggt	ccagaaggca	240
gctgaatggt	ttctggcaag	cactccatgg	ccaccctaata	cagggtgagg	agatcttggg	300
gcgcctcggt	ctacaaaatg	aggtgtgcac	atgcagagat	ggcaaagaac	aaccatttga	360
ggcatgggaa	aggaacatt	agccaggtct	atgcatattc	atttttatta	ctttctttta	420
aaagtctaaa	aaaaaa					436

<210> 1415
 <211> 144
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 1415						
aacagccagc	atcaaccact	aaaccacccc	aggngaaggg	agacttcgaa	gcttcataac	60
tgccccagct	tntgccaaagn	ggagcagana	atgagttgtn	cctgctnaaa	tttgcagact	120
catgagcaaa	aataaatggt	agtt				144

<210> 1416
 <211> 472
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(472)
 <223> n = A,T,C or G

<400> 1416						
attgagaaga	ctgatcagct	tccacaggat	gagaacgatg	accaagaaat	atgctggcgg	60
cctctaagaa	aatatcgtgt	tttgcgagg	acttctgggt	cttcaacttg	cattcgggaa	120
ttaagactgg	acagcaaagt	caatccgatg	aaagattgac	cctctaagag	accaaagcac	180
gttgccaaag	tctctcagaa	tgtggaatat	ttgggataca	aattctacac	tggttgactc	240
cagaacaaat	ttcaaagtgc	ttctttcaaa	atccaaaaca	attttcgaaa	ttttgaaaat	300
aantnagtcc	tttaaacacc	agtacctggc	ataacttaga	cactgaattt	gnggaccaac	360
ntagactgng	atgattttta	acanggtgga	gacaatggcn	tatttnggtt	cattnccatt	420
cnaattttat	ccccatttaa	ttcctaaggg	tcaggtctga	ttactaaata	gg	472

<210> 1417
 <211> 451
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(451)
 <223> n = A,T,C or G

<400> 1417						
ctataaaaact	gaagacatgt	caatctgctc	atgtaaatct	tccactcagt	aaccttttgt	60
gtgcagcatt	tattgaggct	gatggcaaaa	attgaaacca	gcatcatggt	attctgaaga	120
ccagagatat	gaatctccct	catttgacat	cctactgggc	ctgaatctgt	ttcactgcta	180
aagctctgct	gccaaacctt	tacaagctgc	ctccctctag	gcccaggggc	tatcatggaa	240
gaaaatattg	ttgaatgtga	gcttcctgta	ataaccaatt	ttatggctca	acttgactgg	300
accaaggcac	aggatggcca	gattggcgga	nggcnagaaa	gtaagacaaa	taacagcttc	360
acctgcctgg	nttggtggag	caacaagaaa	ctttaagaag	caatccttca	tttgccaggt	420
tccttgggga	aaataactgg	aaagcttgag	c			451

<210> 1418


```

<211> 388
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(388)
<223> n = A,T,C or G

<400> 1418
tggcacagtc acagttcact ataaccttga actccgggct caaatagtct tcctgccttg      60
gctttccaga gggtttgat tacagaacaa ttgcaattca atactgggag gacttccaga      120
aggatttcat caaataacaa gcgtgttatt cagagatcca taatgatatg ttcagaccca      180
agtacagaca cttnttttga atgattatag cagaagagaa attcaaaaca aacagctcca      240
tacctgaaaa ggtcaacaag gagggatgaa gaaagatcac tgaccagaaa taaaattggg      300
aggtttagacc attaaattat ctggacattt ttaatcctga acttacnact aaggctacag      360
catgcgggnc tgctgtaaat ggcaccca                                     388

<210> 1419
<211> 261
<212> DNA
<213> homo sapiens

<400> 1419
ggtcccactc tgttgcccag tgccttagga tgaagtgcag tgtcatggct catcgtagcc      60
tcaacctcct ggggctcaag caatcctcct aactcagcct tctgcgtagg tgggaccaca      120
actcctggct caagcgatcc acccaccttg gcctcccaaa gggctgggat tacaggcgtg      180
agccaccgca cctggcctgt atattgaaat tttctataaa cgtgacaaaa taaagtccaa      240
tgaaagcttg aaaaaaaaaa a                                     261

<210> 1420
<211> 158
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 1420
ggaaactgta ggctcangaa ataggaaaac actgnccgga cttanncang ctgatcnagn      60
taaaaaggcg ggnnnnacca ncccttttga gcatgttcag cctgggtaag tccaagctga      120
atnggccaat ttttttgctt ttnaccttgg agaaaata                                     158

<210> 1421
<211> 288
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(288)
<223> n = A,T,C or G

<400> 1421
agctacatgg gcgtgaaggg ntggggtagg accatgcacc acactttngg antganttgc      60
cttctcttgc ccccgataac agaantgcc a n ncttactan cactnngtga cacagggaga      120
tcnaacaga tgtcttgact atcctatgnc gagcctgnga cactcccaag gaaagctaca      180
gtacaagtng gtcattctgg cncgacctg acggacatga aatttgcttt tgacggggat      240
ntaacatntt ccaancgttc taagatgaat ccaataggga tccaattg                                     288

<210> 1422

```

```

<211> 213
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(213)
<223> n = A,T,C or G

<400> 1422
ggatgcctcc aagttgtgag aaaatcaagc atctacaana gcaaagggcc acgattgtcn      60
gccnnccact gcncatttct aanttnnccg ncccggaan ccttcacccc cccatttggt      120
gggngggggg ggccnaaaat tgntncnaaa aagggccant ngggggggct ntttcttggg      180
ggggggnaca tccccngtgg tttataaaaa aaa                               213

<210> 1423
<211> 489
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 1423
cccaaaactg ctaccaaaaag tgactaatgg ggcttttact gggggaagat caacccttg      60
gcatgatcaa aaactgcgga nccccgtgg gtgggtntct gggccactca aaanaagaaa      120
gcatgtcttt tggggaaggt caaaatnaac ttgatttggg ccaaaaaagn nggccccttg      180
ctcttggcna naagggactt ccgagttaat tcccctgcat ttggggggan aaaaccttta      240
ttnaaaaagg gaaaccctng gcccttcccc tttnghaaan gtttgntntt tttcaaccca      300
aanncnaang gtgtcctnnt tcaaaatnna aacccttaan annacccng gaaccaag      360
ggcctcccc tgccccctt anaaaccctg gggggggcn ccntttgnt ccntgnccc      420
aagaaatggn nancccccc nacnnanggc cccggggaat ttcccccaa aaaaacttcc      480
cccaaggaa                               489

<210> 1424
<211> 102
<212> DNA
<213> homo sapiens

<400> 1424
agctaaatta ctgcaggaag caaaaagtca attcattaat aaaagcccaa agagaagtct      60
taagaaaatg aaccccgga agatgaaaga aaaccgggtt tt                               102

<210> 1425
<211> 473
<212> DNA
<213> homo sapiens

<400> 1425
gggtccctg cacaggacgc accaaggcat cctcagccaa gtgccacgg tcgtgccagc      60
tcgggtcaaa ggctgctgtc acatcggggc ttctgactgc accattgctg ctgcacaatg      120
gccatcgga cagggctctt ctccgttgcc caggttgagg tgcagtagtg tgatcacaa      180
tactgcagc cttgacctcc cgggtcgaag agatcctcct gcctcagtct cctgagtagc      240
tgggactaca tgtacgtgcc tcaatgccca gttttaggac tcgagaagac atctggcctc      300
ttctgtctcc tgcattgaca ccgcctgtgt tcaggatttc atcaccacc accagaacga      360
tttcaaaaac ctcaatgcag ctactattct ctggagtctc ctgactacag ttcattcttt      420
acacttttga aaaaagagca aacctttcac ccattgcaat ttcaggtatt ggt          473

<210> 1426
<211> 102
<212> DNA

```

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(102)

<223> n = A,T,C or G

<400> 1426

tgttttctcc	atcagatact	ccatgaaagg	gcacaatttc	tcttgatatt	aaactggggg	60
ggcttttaac	aaanccttaa	accccgtttt	gtttaccccg	aa		102

<210> 1427

<211> 418

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(418)

<223> n = A,T,C or G

<400> 1427

taaatcctgc	tgctgctcac	tctttgggtc	tgcactgcct	ttatgagctg	taacactcac	60
cgggaaggtct	gcagcttcac	tcctgaagcc	agcgagacca	tgaaccacc	gggagaagag	120
aacagtgtctg	tctttatgag	ctgtaacact	gtaacactca	ctgcaaaggt	cgaaggtctg	180
cggcttcact	cctgaagtca	gcgagaacat	gaaccacca	gaaggaagaa	actccggata	240
cacctgaaca	tcagaaagaa	taaactccgg	acacaccatc	tttaaaaact	gtaacactca	300
ccgcgagggt	ccgtggcttc	attcttgaag	tcaacgagac	caagaacca	ccggaaggaa	360
caaatttcgg	acacgatag	aaatctctaa	gngngaatac	tatatcaaaa	catacaga	418

<210> 1428

<211> 415

<212> DNA

<213> homo sapiens

<400> 1428

gacccactg	gaaatcggac	tggtcaactc	acctggcagc	cactcccaga	gcccctggaa	60
ctctggccca	aggtctctg	actgactcct	tcttggettta	gtggctaaag	actgatgctg	120
cccgatcgcc	tgggaagccc	ctagaccatc	acggatgccg	agcttcagaa	ggcaggaatg	180
tcaggcctct	gagcccaagc	caagccatcg	catcccctgt	gacttgcaag	gaaaggacca	240
gaaggcctga	agtaactgaa	gaatcacaaa	agaagtgaag	aggccctgcc	ccgccttaac	300
tgatgacatt	ccaccattgt	gatttgttcc	tacccacact	taactgagtg	attaaccctg	360
tgaatttctt	tcttctggct	caaaagctcc	cccactgagc	accttgtgga	accgg	415

<210> 1429

<211> 532

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(532)

<223> n = A,T,C or G

<400> 1429

taaatcctgc	tgctgctcac	tctttgggtc	tgcactgcct	ttatgagctg	taacactcac	60
cgggaaggtct	gcagcttcac	tcctgaagcc	agcgagacca	tgaaccacc	gggagaagag	120
aacagtgtctg	tctttatgag	ctgtaacact	gtaacactca	ctgcaaaggt	cgaaggtctg	180
cggcttcact	cctgaagtca	gcgagaacat	gaaccacca	gaaggaagaa	actccggata	240
cacctgaaca	tcataaagaa	taaactccgg	acacaccatc	tttaaaaatt	gtaacactca	300
ccgcgagggt	tcccggtggt	ttcattcttn	gaagtcaacc	gagaccaaa	gaaccacccc	360
ggaanggaac	aaagtttcng	acnccaatan	ggaaaanttt	ttaaaggggg	ggaantactt	420
attttcaaaa	agaagagaaa	ncccaaaant	ggaatatcca	ttacccttg	aaaaatggtt	480

taantgggaa ttnccecaac cctttgcctt atttaaaaac tccacaagtt tg

532

<210> 1430
<211> 578
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 1430							
gtttatttat	tataccatca	agacacctga	aacctcatca	tgagccagat	gccaaggaag		60
agattccggg	aggatcccaa	agaccccctg	gttgacagcca	tgtcaaggct	gatgctgagg		120
aggaccacaa	ctgtcacaag	caacacctgt	tgaacacagc	cacccacctg	gggacagatc		180
aagaagctgt	cacagatgat	ggaagaaaac	ctgaggaaaag	cgagacaacc	agtcacatct		240
gcagatgtgg	atcctgactc	ctgggagaag	tagctcaccg	tgacaaaact	gctttgcttt		300
tattgatttg	caaatcaaa	aagggggaca	tggtgggaac	aaagccccc	ccccaaaaat		360
ctggggcataa	actggccaaa	aactggccat	aaacaaaata	tctgcacact	gtggcatgtt		420
cacgatggcc	ataatgcccc	cccttggaag	gnngngagct	tccnaaatg	agggcaaggg		480
acaccttggn	cccncangg	cggaacccn	ctttaanggc	ttntttaanc	cettaccttg		540
agaaatctgg	gccttaaaac	attcttcttg	ctggagggt				578

<210> 1431
<211> 312
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 1431							
cccaagctaa	gtgatcatat	cccctgcgac	ctgcacatat	atatccagat	ggcctgaagc		60
aactgaagaa	ccacaaaaga	agtgaataa	gccagttcct	gccttaactg	atggcattcc		120
accactgtga	tttgttcctg	cccaccctaa	ctgaccaatt	gacctgtgta	cattccttct		180
ccggggcaat	gaatctcang	agctccccac	caaagcatct	tgtgacccc	actcctgcc		240
caagagaaca	atccccctta	actgnaattt	tnactacct	acccaaatcc	tataaaactg		300
tccaccatc	tt						312

<210> 1432
<211> 553
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(553)
<223> n = A,T,C or G

<400> 1432							
aattttcttg	tggtggggtg	gagacttttc	caaaaccagc	tttttctttg	agcctgtatt		60
ttgttgacc	aatngtttaa	gganaactgg	acttttgenc	aacttgcttt	tttgccactg		120
gtcctttgga	aattgcttgg	agggagtatt	atattttttc	naaccagtat	tttgaaccag		180
tattgccaaa	gacnnaaaag	ggaattttaa	agaaaaagat	gcaagntgg	cccaagaaat		240
cannaagaag	aaagaaaang	ttaatactac	atggaagtaa	ggcctggcgc	cagtggctca		300
cgcttggtta	atcccagcac	ttttgggaag	gccaaggccg	ggttgatca	aggtgggtcaa		360
ggagttcaag	aaccagcctg	ancaacatgg	ngaaaaccct	tgtntttctt	aaaaatccaa		420
aaattcaacc	aagcmttggn	ggcatgcgcc	tgtaatncca	acttcttttg	ggggcttaag		480
gcangancat	cactttgaac	cttgggangc	aaaagggtgg	aatgaattna	aaanaaccct		540
tggtggactt	caa						553

<210> 1433
 <211> 605
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 1433
 ccacttcagc ctcccgaatc gccaggacta caggtgcctg caattgnacc cagctcggga 60
 cacaattctt acattttctt ttcttttctt tatttttttg aggcagagtc tcgctctgtc 120
 acctaagctg gagtgcagtg gcatgatctc agctcaatgc aacctccgcc tgccagggtc 180
 aagcaattct cctgtctcag ctctgagtag ctgggattac aaacgcccac caccacaccc 240
 ggctaatttt tgtattttta gtagagatgg ggtttcgcat gttgggctan gctggncctg 300
 aactcctgac ctcatgatgat ccgccgcctt ggcctncgaa gngctgggat tgcaggcatg 360
 agccaccgcg cccggccaat tntacattt tgaaagcatt ttacgttttc atatncatca 420
 tcttcttaga aataacatct ncttcagctg agcccagtat taaccttcgc atgaccatt 480
 acctgccgng ctgngnctga taaaccaaac tcttggggca gagacttttg ntggttnttn 540
 aacaccaagn gcaaagggcc caaaaaaaga anggggggga accaaanacc ttgatatttg 600
 ggagg 605

<210> 1434
 <211> 266
 <212> DNA
 <213> homo sapiens

<400> 1434
 gaggcagtag gagacgaagt ctgctctgtg cgcccaggct ggagtgcagt ggcagatct 60
 cggctcactg caagctccgc ctctgggtt cagccattc tcctgcctca gcctccctag 120
 tagctgggac tagaggcatg caccaccacg ctgagctcct cccaaaatgc tgggattaca 180
 gacatgagcc accgcacccg gccgcctctc tcttttacta accacaggga ttcagaaaat 240
 tcttctctcc tcggggcaaa aaaaaa 266

<210> 1435
 <211> 158
 <212> DNA
 <213> homo sapiens

<400> 1435
 ggtgaggaca cagcgaatcc tccagaggat gcagcaacaa gacaccatct tggaagcaga 60
 gcagccctca ccagacacca aatcgccag cccattgatc ttagacttcc cagcctccag 120
 aactatgaaa aataaatttc ttttgtttat aaaaaaa 158

<210> 1436
 <211> 283
 <212> DNA
 <213> homo sapiens

<400> 1436
 ggaaagaagt tcacgcagcc ttcaagacgt aaaccgacag ctgtgggttg ttctgcaact 60
 gcagaactgc ctggagacca gagctgaaaa tcaccgtgga aataatctgg tgtttcagtg 120
 gaggaccagc agcagctgag cggacccagc ctgaggtgca ggttcccctt tgccttcac 180
 catgaatgga agcagcttga ggtcctcatc agaagcagat gttggcacag tcttcttgta 240
 cagcctgcag aagtgcaagc caaataaact tctttataaa tta 283

<210> 1437
 <211> 190
 <212> DNA
 <213> homo sapiens

<220>

```

<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 1437
cacgggctgg atgacatcac tgctactgga ggactctgct ggcctactg naggatcaca      60
aggctcgnga tcatcactgg aggagatggg ccgaggngtc aatatcttct antanggncc      120
tgtgtccctt tacttctttac ctnccttctt tccagggtt tnaaaaggng annnncccaa      180
tgccccccaa                                     190

<210> 1438
<211> 458
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 1438
gtccacctc taacaattcg ttgtgaaatt tcggcgagga gaaagatcca agttatatca      60
catatgtaac ccgaagggtg agtctcgctc tgtcatccag gctggagtgc agtgggggtga      120
tctcagctga ctgtaacctc tgccctctcag gtgtcaggcc tctgagccca agctaagcca      180
tcatatccct gtgacctgca cgtatacatc cagatggcct gaagcaaagt aagaatcaca      240
aaagaagtga aaatggccag ttccctgcctt aactgatgac attaccttgt gaaattcctt      300
ctcctggctc aggagctccc ccactaagca ccttgtgact cccacccctg cccgncgaag      360
aacaaccccc ttgactgta attttccatt acctacccaa atcctacaaa atggccccac      420
ccctatctcc ctttcgctga ctctcttttc agaacgat                                     458

<210> 1439
<211> 395
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 1439
tttcaacaac ccttangaag ctgactcage tgtctcctgg ccctgacttt tctaaganga      60
gaggagctga tnggaacaan ntgggaacnn ttgctggntg agcnaatann aaggncgaga      120
gngatgaaga ntncctggnta nngtancatg gnccttttca nnannngntg ngtgtnttgg      180
ccctttgnca actcattgga acntgtgent gntggctcag actctggtnc agnctcagnc      240
ttacgngtag ctgggggggg ggggtgcccac caccacactg ggtaattttt ggataaaata      300
aataattttt ctaatgctta tcctgaatct gaatttgggc ttcaagctgn gaggtcacia      360
gnagcaaaac tactgggcag atcaactggg tatga                                     395

<210> 1440
<211> 308
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 1440
tgaccatgcc gattggaacn tgggcaacan cctntttentg aacacctgct gctgggctta      60
atagcatttt tctactccgt gaagnctagg gacaggaaga ctgtttttcta ngtgaacnng      120
ngctacaggt ctatgccttc accgccaag ggactggaac atctggggcca tgatttttgg      180

```

cannttcatg accattctgc tcatttnnaan accaanggtg gttggttccn gnccttggga	240
nagaangggg agccccatt tnggccaggn gctnttttnc gggnccgtgt tcccacggaa	300
ctgatttt	308

<210> 1441
 <211> 374
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 1441	
gacaatggcc attgccatgn tgcagganct gatcngnctc atctgctngc atgtatncaa	60
acganagacg ggagccgaag ctcaatgaca atgnnacntg cctactgcct gtatatgtct	120
tgacgatgat ggggaggtng acaccgagt tccaccctnt ngatttctnt gagggcanc	180
atacgttngg ctncantact ntnggccctg gttgaaaagt actctctcc tgggtgtgnc	240
tccaaagagg cncctttttt ttcaataana aggcggggcca tggattnttc ccttattnan	300
gggggcaacc caaagggttac catgaaggaa atcttntctga aggcantgaa gccgangaaa	360
aggatcccag aatg	374

<210> 1442
 <211> 288
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

<400> 1442	
atttctatca cagctccatt tnnagcacag agttcaaccc atggatgtcc taccatggac	60
gggactaggg ccagcgagga gatattattc agcacaagtc tggactcaag cgctccaccc	120
gacagcctgg acagtgtgaa ggctgtgaca gagcgctatc gaagctggaa acgcccagga	180
tccatggccc tgccagtcaa cacatgggna ataacgctgn tgactgtcac caccannact	240
accatnggca ccggtttcca nggntgacag gaagaaggaa cccttttaa	288

<210> 1443
 <211> 461
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 1443	
caaggaggag ccccaagggtg ggttgggctt gggggccgcc cnaaanccnt gtttcccnna	60
cgtgcnaccg tgatcaacat tgccctccga gacctccgt gccccaacca atgtcgtctg	120
gtccnctgtt caaacancct tcttcatgaa accctgctt gcctgggctt cattaggeat	180
ntctctctac ttcangtgta aggtctangn gacatggaaa gatggnttgn cgaatgttga	240
ccggggggccc aggcctatgn cttnanccnc nagtgcangg acatctgggc cctgattctg	300
ggcatcctta agaacattat ggttatgnnc tanaccaggt ggtgggttta aaggctnttg	360
ggataatttc ggggggttta ttgggggcnc ggaggctctt gnccatgaac ctgntantcc	420
caacgtaact tccaactttc atttctnttg ccctggcccc c	461

<210> 1444
 <211> 334
 <212> DNA

<213> homo sapiens

<400> 1444

gatgtttcttc	caagctgctg	gacacccatc	ccacaaaagt	ttgcagggtca	caggatcctc	60
attccagagg	tgcccgcgcc	atatccagag	gaaagaaaca	tctttaactc	tgaagacaca	120
gggatacaga	agaatctgaa	caaacagcct	tgctaaatc	tcccagttt	attcccatta	180
gatcacaccc	actttatcca	attatatttc	tccatgactg	tccagtcttc	ctcaaactta	240
agcataaaaa	tatacaaagt	ttacctatct	ctttagggtc	tcaattttct	ataaagtctc	300
ctgtgtcatg	taaaacttat	attaaataga	tttg			334

<210> 1445

<211> 333

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(333)

<223> n = A,T,C or G

<400> 1445

tggtgtgctg	gaacttncac	gtnggacttc	tggtatncta	canaagaact	accatctgaa	60
agnactgnta	aaaatccatg	cttctgtgga	nnaatgatga	tataaagcng	ctattatgcc	120
atcttgctaa	catcactctt	tcacgttact	ngnngaggaa	tatttctntn	tactanaaaa	180
ctacnatggt	ttcttggaan	aaggggaana	aattgttttc	ancttgacca	ncaatgngga	240
tttggcccn	ccnaaaagaa	antgganatt	tcccagaagg	aaaacatnga	ttttttcana	300
aaaaataatt	taaacttgcc	tcgaaaacag	gaa			333

<210> 1446

<211> 411

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 1446

cccacctgca	cccagggtgaa	ataaacagcc	ttgttgctca	tacaaagcgt	gttgctggac	60
tctcttcaca	tggaactgag	tgacatttgg	tgccgaaacc	tggaacagga	ggactccttc	120
gggagaccag	tcccctgtcc	tcaccctctg	tgaggagatc	cacctatgac	ctcaggctct	180
cagaccaact	aacccaaggg	acatctcacc	aaattcaa	cggacaggaa	tgtcaggcct	240
ctgagcccaa	ctaagccatc	atatcccctg	tgacctgcac	gtatacatcc	atatggcctg	300
aagcaactga	agatccacaa	aagaagtgaa	aatagccaat	tcctgcctta	actgatgaca	360
nttcaccant	tcctggccca	ccctactgat	caattgactt	tgtgacaata	c	411

<210> 1447

<211> 285

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(285)

<223> n = A,T,C or G

<400> 1447

actgggcaat	ttacgaanga	ancgagattt	attggaactta	cagttccacg	tggtctngagg	60
aggcctccaa	ncntgggtgga	angtgaaang	catgtctcat	atgacggcag	acaagagaag	120
agagcttgtg	caggcaaaact	tcccacttta	aaatgatcan	atntcatgag	actaatnncc	180
antncnaaaa	ccacncccg	aaagacctgg	ccccctgatt	caattttttc	ccctgggtcc	240
ctnccccaac	acatggggaat	tcaagatgag	atttgggggg	ggccc		285


```

<210> 1448
<211> 557
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(557)
<223> n = A,T,C or G

<400> 1448
ctgactggtg gtggagaaca catttgcaga cagcctgatg gacacatgcc cttggcagtt      60
gggaggatgc tgatgaccat ccgaattcca gaggcagaga acagttacca tggctaccaa      120
aagttgtagc cattggctgt tctggctaca aggactcagc tgacctctca aggtcccttc      180
cagccctggg attctacagt tacctcaagc cagctgacac catgtctgct gcaagaaaaat      240
agggctcatg agaagtgcct cagaggtcac cttgccttat tcattggaag tgttgagtca      300
caggcctact ttccaccttg gctgcatcat taataaccaa agtcttgctt tttttggcat      360
agcattttta taccttttat aaagtgagtt tgccactacc actttttctc ttccctttac      420
agctcaagcg agtaattttg acagaagttt gtccctgtatt gtggccaggg agcaacccaa      480
aaaaactgcg tcactaagcc caagtggggg tgggctncat cagacagaat gtgnggtcac      540
gaaccttcta agaatca                                     557

<210> 1449
<211> 232
<212> DNA
<213> homo sapiens

<400> 1449
aaccctgcca catcatgtaa acaatcccgg actagcctgc tggaggaaga tagactgtgg      60
aacagaattg agttccacaa ggctccagag acatgagaga acccaactga gatcagcaga      120
gcagctacct caccatggc tgaccacaga tgtatgagtg tgtccagaag aactttctgg      180
tggccccata ggtttgtgaa caataataaa tgcttatcat tttaaaaaaa aa          232

<210> 1450
<211> 463
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(463)
<223> n = A,T,C or G

<400> 1450
tgttccaaat gaaagaccct ngagggnaga ccctcantca nacactcaag tcccgggaca      60
gccgcgtacc caagaagaca ctgagaccat acataaaatg tanaagatgc catcnaatta      120
aatgaantn atactggaaa ggaagaagga nggacntcct aaaccnata tgattgacnt      180
angaanaaga gaagaagaga cacagacaca cagggaat accatgtgat gatgaaggca      240
gagattggac tgatgcatct acaagccagc aaacaccang gattgctaata aaccaccaga      300
tgctggaaat ggcaaggga gacccctccc tgggtgccttc caagagagca tgatctggct      360
gacaccttga tttcagaatg gtagccacta taactgngaa ataacaaatt tctgttggtt      420
tatgccccct agtttgnggg ggctttgtga tggcaagccc tta                    463

<210> 1451
<211> 510
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(510)
<223> n = A,T,C or G

```

```

<400> 1451
ccttggagat catggatntt agacnagaaa taaagccaca cacctacaac catctgacct      60
ttgacaaaagc tgacaaaagc aagaggggaaa ggactctatt caataagtgc taggataact      120
ggctagccat atgcagaaga ttgaaactgg accccttctt tataccatac acaagaatca      180
actaaatgat tgaagacctt aacgtaaaac ctaaaactat aaaaaccgta gaagataacc      240
tagaaaatac cgttttggac atacgaactg gcaaagattc caaaacaaaa atgccacagg      300
caattgcaac aaaagcaaaa attgacaaat gagacctaac taaattaaac taaagagctt      360
ctgcacagca aaagaaacta tcaacagggt aaacaggcaa cctacagaat gtgagaaaaat      420
atttgcaaac tatatatcta attcatattt attataagtg catgtttacc tgtatctncc      480
aatcattgna ccctacacct acccagattg                                     510

<210> 1452
<211> 355
<212> DNA
<213> homo sapiens

<400> 1452
ggctttactc tatggcccag gctagagtac agtgctgtga tcttggctca ctgtaacaac      60
cttcacctcc gggactcaag caatcctccc acctcgccct cccaagcaac tgggaaccaca      120
gagtatggag ctagataatc aataaattat tttgggtggtc aagagtacat taaaaaggat      180
catctatctc ttgtcaaact tttacatgag ataaacgaaa tgatgaagag ctcagtatac      240
tccagatgtt gcttagtgct tggagacttt ggctacaaat tcctttaaaa tggattccaa      300
gtcttctgtg taaggacata tttagaattc caaaaggaag aggggaaaaag aaaaa      355

<210> 1453
<211> 510
<212> DNA
<213> homo sapiens

<400> 1453
gaaagtctct ggctgacaaa caattgcctc ctcaaatacc aagctttgct gctaaagggg      60
tctgcagttc agctgaaaac ctgcccttgc ctgagcccag ccactttctc ccagagaaaa      120
ctggagaacc taaacatgat tgtgaacaga aaccatcaag cttcagatgg tgctgaaaaat      180
ggagccgaaa atgaaactgt cctcctacga gggaccctta aatcaacccc aggaggagcc      240
ctagctgctg ttccccacac aacgccactc tccagcagga agtagccaga agaaatcgtc      300
acccagtttc ccctagcagc agcgccagtaa gattgaggag ctaaaaacag acttgggcgg      360
atgtctgcag ctgcaagaag atgtgtggga acagacacag aaactctccc tcccagataa      420
gcaagacaaa gaaacacaga ataagagtcc atctatgtgg tcagagaaatg ggataagagc      480
tgatttaaaa aaactctgct ctatatagaa                                     510

<210> 1454
<211> 456
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(456)
<223> n = A,T,C or G

<400> 1454
ctcttcacat ggaccgagcn agacatntgg cggccnaaac ctggnacagg angactnctn      60
tggganaaca cntantgtc ctcacncttt gtgaggagag ggngccnatg anctaagnct      120
gttngaccat ctancccaan gaacanttca ccnancnctt atcngacngg aangtnannc      180
atttgagnct aactaacnca tcntatgccc tngnacctgt acgtatacnt gcatatgggc      240
tgaaccnact gatgatccac aaaagaagtg gaganagcca attcctgcct taactgatga      300
cattccacca ttntgcccac ccctaactga tcaantgact ttngacant acaccctncc      360
cggccttggg ataatgnact cactgatatt gccccacnct tgagaatggt ctttgtacaa      420
tacacccttn ccaaccttgn gaaaggactt ttgtta                                     456

<210> 1455
<211> 383
<212> DNA

```

```

<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 1455
ggtgtccggt ggagagctgt ttgaccggat agtggagaag gggttttata cagagaagna      60
tgccagcact ctgatccgcc aagtcttgna cgccgtgtac tatctccaca gaatggccat      120
cgtccacaga gacctcaagc ccnaaaatct cttgtactac agtcaagatg aggagtccaa      180
aataatgata agtgactttg gattgtcaaa aatggagggc aaaggagatg tgatgtccac      240
tgccgtgtga actccaggct atgtcgctcc tgaagtcctc gccagaaac cttacagcaa      300
agccgttgac tgcttgntcc atcgnagtga ttgcctacat cttgctctgc ggctaccctc      360
ctttttatga tgaaaaatgc ttc                                          383

<210> 1456
<211> 410
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 1456
gtgcctccta tactccttga taagcaagtt ctctgaattc actccagaca ttacaccaat      60
cattttggca gccatacaaa ataattatga gataataaaa ctcttggttc agaaaggagt      120
ctcagtgccct cgacccacag aggtccgctg taactgtgtg gaatgcgtgt ccagttcaga      180
tgtggacagc ctccgtcact cacgctccag actcaacatc tacaaggcct tggccagtcc      240
ctctctcatt gcactgtcaa gcgaagatcc ttttctcaca gcctttcaag ttaagttggg      300
aacttcagga actgagcaag gtggaaaatg aattcaagtc ggagtatgaa gagctggcac      360
ggcagtgcaa acnattttgc taaggaccta ctggatcaga cgagaagttc                                          410

<210> 1457
<211> 557
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(557)
<223> n = A,T,C or G

<400> 1457
aatcaagaat gattgagaat aggaacggct caagacgttc acaactaagg ccatgaatag      60
ctaggaattc cctttaagag caaaggtttt atcatcagac agacctactt gcaggaaatt      120
tgaacacagc cacatacagg aggaatatga tgtgaagaca aagggagaag acagccatct      180
ataagctaag gacatggacc tggaaacacat ccttccctcc cagccctcag acagaaccaa      240
ctctgtagat caaccaacac cttgactttc agcctccaga acttcgataa ggaaaaagat      300
tgacaaaaga aactataagc aagcatgctg ttttgagtgc cggaggata gagacggccc      360
aagaagaatt tcaagagaac tgctaattag aaaccttccg tgggtgagact tgaactgnca      420
agctattccc ccaggctcct cgggaacatc tcataactaa tcgggacatt ccatcaagac      480
cacatgcaca gggccacagc ctagacagca gagcattcaa acccgcccaa agnaaaatgg      540
tgagggcaat aaataaa                                          557

<210> 1458
<211> 493
<212> DNA
<213> homo sapiens

<220>

```

<221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 1458
 gaaatatgac tggaaaatgt cttgaagtgt catgaaagct gaagaggaaa gttaaaatta 60
 atctaagagc acaccaaaca ggaacagcaa gtattgaaga tgcctgccct gtttccagaa 120
 catcaatatt atttcacatt tctgttgtgt gattaacttt acaaaagaaa ttgctatccc 180
 tcctggaatg taagagccat gaacaggaat cttttactct ttgtcacgga tgtattttga 240
 ggaccgaaaa gagtgcctgt gacataacag acaactcaata aatatttgct gaatggctat 300
 ttgataaatt ggataaatca acatagaact gtccccaata agagtaacca tgaaaaaagc 360
 agtcttcatt canaaagggc cggnaagaaa aggggggctt aaatttacac ctttaaactg 420
 gaacattaag ggactttcat tggaagtaat caaggaacaa ctcgaccac ggagaccaga 480
 gcaaatcaag gca 493

<210> 1459
 <211> 122
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 1459
 aggggtatggg atgaggagct ggaaagngat gagaaggtat tcctngnttn tcaaaanana 60
 ccccctncga ctcnagttc gtacaagctg acntntctca tanactcaca cactcaggag 120
 ga 122

<210> 1460
 <211> 214
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

<400> 1460
 tgacctgggc tcaagtcang gtccttattt ctctgtgtgc atgngagtgt gtcagnnhan 60
 ngggnccgtn tacgnttngt gtaccgagcc ctacgataga catttttnagc cnagaagaan 120
 actttgcttc atcataatct ccatcacatt taccatcttn tgnccaaga ttttgcanta 180
 tgaacataat gntctctact gtccaggatc taat 214

<210> 1461
 <211> 231
 <212> DNA
 <213> homo sapiens

<400> 1461
 aaccctgccc atcatgtaaa caatcccga ctagcctgct ggaggaagat agactgtgga 60
 acagaattga gttccacaag gtcacagaga catgagagaa cccaactgag atcagcagag 120
 cagctacctc acccatggct gaccacagat gtatgagtgt gtccagaaga actttctggt 180
 ggccccatag gtttgtgaac aataataaat gcttatcatt ttaaaaaaaa a 231

<210> 1462
 <211> 409
 <212> DNA
 <213> homo sapiens

<220>

<221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 1462
 tccagagaaa aaagccatgt gaggacacag tgagaagctg ctatctgcaa gctgagaaga 60
 gaaacatcac tagaaaccat ccctgctggc acttgatctt gactttcagc tttcagaact 120
 ttgagaaaat aaatgtgtgt cgcttaagcc agttcatctt tagttatctt gttatgtcag 180
 cctgagcaga attagacaaa tactaatagt aaactataag gttaaactgta ggctttgggt 240
 aatgaccgtg tcaatagatt tatcaattgt aacaaatgta tcaactgtgat gtgggacatt 300
 gatagagcag gatgttgtgc atgtgtgggc tnggggggaa ccaaaccatat atnggggaatc 360
 tcttaacatt ctattgaatt tttctaagaa cttacaactg atctaaaaa 409

<210> 1463
 <211> 221
 <212> DNA
 <213> homo sapiens

<400> 1463
 gccctagaaa caagaaccaa tccagcagca acaagcatct ctggcagtct atcattttccc 60
 ttcaactgaa atcagatctt cttaaagaaa tgcttggtct tcagactggg aacggaaatg 120
 tacaagatgt gcttcgatat ctggtcaaat cagaaactca aaaagctatc aaagtctctt 180
 tggactgtgt cagaaaagag tgaaaagact cccacttgcc a 221

<210> 1464
 <211> 650
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(650)
 <223> n = A,T,C or G

<400> 1464
 caggagggag ggattttngt tcttcaattn gtgggagtg atctctatcc accagtngac 60
 taaagatggt ggagcacaga gagccatacc ccaaaatatg atgcttcggc atgctgactt 120
 gctttgaaaa ttgaaaggcc tcagaaataa tctcagtgc cagggtctcc ctctgacctc 180
 cccctacctc cctttctctc tgatcctgtc tctcccaaag cacagaatga agctgttctc 240
 tgaattccct tatctacct gaaactggac ccccaaagag ggacacaatt tgcctttgat 300
 cccttccctg aaatttcatt aaccagagaa aattaaaact tctatcacia aggaagagac 360
 tgaacattaa acaccatagc tacagcccag acaaacttct tcccaaacca ttgtttgttc 420
 tctgcctgt taattgccag agaatcattc acaagataaa gtctgccttc tgggtccatt 480
 cattccccac taaaaatctt ttactcctac acccttatgt ctcttntctc ctgaagaaag 540
 ggnctataaa cctctangcc tcattgggna ttgggnaatc attctcatgc agntcccctg 600
 tgctctgnat gttaaaaaaa ttgnatgcct ttttctccta aaaaaaaaaa 650

<210> 1465
 <211> 364
 <212> DNA
 <213> homo sapiens

<400> 1465
 aagaaacaat tcaacggagg ggcagaaggc agaaggagag accaagggtg ggtcacatct 60
 tggcttctt ttctgtgat gagaatgcaa taaccagaag gaaaggagaa caactgttct 120
 tgggccttta acgaggtaat taaggttgaa tgacatcata aaggggaatc cctcatccaa 180
 tatgactgtt gtcctaatac aaagaggaag agtcaccagg gatacatgtg cacagagaaa 240
 aggcatgtg agaaggcagc catctataag ccacggagag aggccttagg agaaatcgat 300
 ttagctggca ccttgatctt ggacttcctt tctctctaac tgtgagaaaa taaatttctg 360
 tttt 364

<210> 1466
 <211> 216

```

<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

<400> 1466
ctgacacccat gaatcacagt ggaattctcc aaatggaatg cagccacacc tcagcttctn      60
tgcttcatgc ccttttgagc aacgttcagc cnnnttaagt ncaagctgaa ttggatgaat      120
acttnnnttn ttaccctgca naaaatnntn ataagccacc tctgttatTT accccaatc      180
ttcacaagga aaaactgtan ttctccttta actctt      216

<210> 1467
<211> 184
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(184)
<223> n = A,T,C or G

<400> 1467
gtgacaagcc agcttctgca aagtaaatga tggcaagtgt cctacgtgac aagcagggca      60
acaagataga aggaacctct naccgaatga ccatgccttt tgagcatgtt cagcctgggt      120
aagnncaagc tgaattggcc aattcttttg ctttttaccg tggagaagaat actcataagc      180
cacc      184

<210> 1468
<211> 232
<212> DNA
<213> homo sapiens

<400> 1468
aaccctgccca catcatgtaa acaatccccg actagcctgc tggaggaaga tagactgtgg      60
aacagaattg agttccacaa ggctccagag acatgagaga acccaactga gatcagcaga      120
gcagctacct caccatggc tgaccacaga tgtatgagtg tgtccagaag aactttctgg      180
tggccccata ggtttgtgaa caataataaa tgcttatcat tttaaaaaaa aa      232

<210> 1469
<211> 537
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 1469
gggtccctgg gtaaaatgct tttctcactg ggcaagctca agtcaagcaa acaaagacag      60
ccttgtaagc agcatcctcc aggaaactac cataaagtag agacgggggt tcaccatgtt      120
agccaggatg gtctccattt cctgacctcg tgatccaccc accttggcct cccaaagtgc      180
tgagattaca gacatgagcc accacgcccg gcctggagcc catattatta aagataactc      240
acacagaagc caaataaaca cagtcaaata tacagctgct tctgctgtaa acatgcagaa      300
ccctgatgta cagaaatctc atgaaaggat gaccagcacg tccttggagt ggaagcctgc      360
caaacgaggt tagaaataag tgaggcctga tggagagatt caaaggaaga caagagtcca      420
gcgaattcat gtgtcctgcc agaatgaaga gaggatgact cccattctaa tgggctccag      480
agaaganggt gaaggtacag agcaactctt taatttcacT aaataaatgg ctttgca      537

<210> 1470

```

```

<211> 365
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 1470
gaacaatgtc atgttgatcg atggcagttg actcacacca gnatctttcc accttttgag      60
ngaagaggnn tcntgagnnn gtncannntg aanggggcca atcttnatga attgaggacc      120
aatggagcta atatccncac atagagcgaa cagggnntgga ttaatgccgg ctacagtcac      180
tgggtcttta cnttttaact tgcttgattc ggaaaacatt ccaagccagg aacaagtggc      240
tcacacctgt aatcccagca cttttgttgg gggcncaaag gccaggggtg gatttgctcg      300
aagcttcagg ggagttccga aaccagccct gggccaacct nggcaaaaac tctttatctc      360
tactt                                     365

<210> 1471
<211> 123
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 1471
gcatttgcac ataataaatg gtcaatagag attcaccaag ttgaactgaa tggtgtttgc      60
anggaggaag gattggttcc acaagtgtca aagtcctttn gagctgttca gcctgggttaa      120
gtc                                     123

<210> 1472
<211> 232
<212> DNA
<213> homo sapiens

<400> 1472
aaccctgcc catcatgtaa acaatcccgg actagcctgc tggaggaaga tagactgtgg      60
aacagaattg agttccacaa ggctccagag acatgagaga acccaactga gatcagcaga      120
gcagctacct cacccatggc tgaccacaga tgtatgagtg tgtccagaag aactttcttg      180
tggccccata ggtttgtgaa caataataaa tgcttatcat tttaaaaaaa aa          232

<210> 1473
<211> 384
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 1473
ctggggctac ctgcttangt canactgaga taaancactg gggacccnc aggnccctgt      60
ttttttannt tntgcaangn nnnctgcta ntattggtgt gaanagaggt ccannngtt      120
cctaccanag gcgacttggt tcgnatttat tcagtantag naggngcata cagccactca      180
tcctcaantg ccancctnag gagnntatgc tgcacacana ctggcncaat gngccaggaa      240
gacatactgc aacggctact tgctacaaac attagttggt gacagcagca tattggaagc      300
acccttgaat ttttgnttaa taagaggaat ttggctacat aaaattgatt gcttaaattc      360
attacanccc tggcagttac ctat                                     384

```

<210> 1474
 <211> 104
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(104)
 <223> n = A,T,C or G

<400> 1474
 tgctgatgga cctgaacgcg gctggaacan gncagnagg ngggacactn nncaaccttt 60
 tgagcaagtt cagcctgggt aagtccaagc tgaattggcc aatt 104

<210> 1475
 <211> 438
 <212> DNA
 <213> homo sapiens

• <220>
 • <221> misc_feature
 • <222> (1)...(438)
 • <223> n = A,T,C or G

<400> 1475
 gtatatagtt tcttatatga atgacagaag aaacaatgaa attgaaggaa aggaagatga 60
 acngctaaga tggagtctca ctctgtcacc caggctgacc tcgactcaca gcaacctctg 120
 cctccaggggt tcaagtgatt cttctgcctc agcctcccgga gtagctggga ctacagggtg 180
 caggcctctg agcccaagct aagccatcat atcccctgtg atctgcacct acacatccag 240
 atggcctgaa gtaagtgaag atccacaaaa gaagtgaata tagccttaac tgatggcatt 300
 ccaccattgt gatttgnttc tgcctcatcc taactgggna naggncntt ggaaatctcc 360
 ccncccttaa aaagggttctt tgtaattctc cccacccttg agaatgtact ttgtgagatc 420
 caccctctgc ccgcaaaa 438

<210> 1476
 <211> 371
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(371)
 <223> n = A,T,C or G

<400> 1476
 ctcggtctac tgcaacctcc gcctcccagg ttcaagcgat tctcctgcct cagcctncan 60
 aatagctagg attacaggcg catgccacca cgcccggnta attnttgtat tttnagtaga 120
 gaagggttta gncatgtag ntagccagggc tgatctccaa ctccnacctc aagtgatccg 180
 nccgcctngg cctnccaaaa tgctgggnatn acaggnntga gccaccgcgc ccagccccag 240
 gcaacatatt ttcttaaggc agctttaaca ggccatgcat ttccacattt ccacaccttt 300
 gcatatgcng ggnaattctg gggggaaaaan nccttttccg tgtttnttnc cagnacttaa 360
 ccttccttta a 371

<210> 1477
 <211> 204
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(204)
 <223> n = A,T,C or G


```

<400> 1477
catggcaact cacagtgtga cctggggacca ggagcacaga tcaactgaaga gactgttaga      60
aatgcaactt caggctggac gtagtggtc atgccagtaa tccccaaaact ttgggaggcc      120
gaagcgggcn ggatcacttg aggtcatgag tttgagacca gcctggccaa catggtgaaa      180
cttcgtctct actaaaaata caaa                                         204

<210> 1478
<211> 253
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 1478
acccaaattt cttgaccacc ctntatagct cantacatcc agtctgggtgt ggactttccn      60
ttacccttcc ttctcccttc ccttnttttag ccactgnggt gaggcaagga tggaaaagag      120
aagtggncct cgtggggcat gncnnttcc ntgccttccn ccactnnncn ggggcggcca      180
nctnattaat tatcccaacc aggnnctttt aggggtgaaa gttggcctaa cataaataaa      240
atgttatattt aaa                                         253

<210> 1479
<211> 445
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 1479
attcagagcc ccagcctgtt cataaaaaaa atcagatgaa ttttgtctgc ggaacattct      60
gcaaaaatat ctgaccagta agtaancctc taaatagcca cagccatcaa cagcaaggaa      120
agtctgagna agtgtcacag ccaagaggac cctataaaga catgatgact aaatgtaaca      180
tggtgtcttc catgggatcc tgaaacagaa aaaggacatt aggcttactg taaattagag      240
ggagcaaatt ggaggagaaa tgacaaaaga aacagaaaaa atgtttaatc agacaaagga      300
actaaaaaac ctcagtctta attagaagat ggtcaaacaa atctcttaac tgatgttcac      360
aatgatgggt tcaagtcato taanggatgg ggagaaaaaa ccacctggng aattgcaaag      420
atattaanaa atttttttca tgacc                                         445

<210> 1480
<211> 227
<212> DNA
<213> homo sapiens

<400> 1480
actctgcact ccatggatca gctgacacca ctcagacctg taatctgggt caaccagttc      60
tgccatccca cccaggaaca gaagacagca agaaaaactc acttogacce cctatgattc      120
catctccaac ctgaccaatc accagcccc acttccgaag cccctgccc ccaaattatc      180
tttaaaaatt cggatcccca aatgtaataa taaaactcca gtctccc                                         227

<210> 1481
<211> 103
<212> DNA
<213> homo sapiens

<400> 1481
cttagacctg tgccctgttg tatctgtgga ccagctcatg tggaagagac aagatcttca      60
ggaagaatcc caaagccaga tccctttccc ccacaaaaa aaa                                         103

```

<210> 1482
 <211> 286
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 1482
 aaattgatgt acacgcaaag cacaccagac tccgtacttg atggatcagc tgacaccacc 60
 canaccagtn tctgggtcaa ccagttctgc catcccaccc aggaacagaa aacagcaaga 120
 aaaactcact tcgaccctnt atgactccat ctccaacttg accaatcagc actcccact 180
 tcccaagccc ctacccgcca aattatctta aaaactctga tccccaaatg ttcggggaga 240
 caaagttgag taataataaa attccagtct cctgcaaaaa aaaaaa 286

<210> 1483
 <211> 494
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(494)
 <223> n = A,T,C or G

<400> 1483
 catttaaaat atggtatctg tcttaaataa atgacaacca acttgagaac tatatggcat 60
 agaacttgca taatttctcg ttcataataa cnaaactgaa gaccatgaag gacttagact 120
 ggatcacgag gtcaagagat agacaccatc ctgtctaaca cagtgaacc ccgtctctac 180
 taaaaattca aaaaatttagc cggcggtggtg gcaggcgccct gtagtcccag ctactcgaga 240
 ggctgaggca ngagaacggc gtgaaccggg gaggtggagg ttgcagttag ccgagagccc 300
 gccactgtac tccagcctgg gcgacagaaac gagacaaaaa ttagctgggc gtggtggcac 360
 atgcctgtag tcccagctac tccggaggct gaggcaggaa natcgcttga acccgggagg 420
 cagaggttgc aatgaaccaa aatcacccct gccttcagcc tggcagcaga gtgagactct 480
 gtctcaaaaa aaaa 494

<210> 1484
 <211> 533
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(533)
 <223> n = A,T,C or G

<400> 1484
 agacggagtc ttgctctgtc acccaggctg gagtgcgtgg cctgatctca gctcactgca 60
 agtccacct cctgggttca cgccattctc ctgcctcagc ctccagagta gctgggacta 120
 caggcaccca ccaccacgcc tggctaattt ttgtattttt agtagagaca ggggtttcatc 180
 atgttagcca ggatggtctc gatctcctga ccacgtgatt tgcccgcctc ggcctcccaa 240
 agtgctggga ttacaggcag gagccaccgc acccgcccc agaggctgcc aggatgaaat 300
 gcaatactcc agttactact aagtcaagtc cctcagagat gctgaagaaa tctccanaag 360
 attcaagtcg gctggagtgt gctggcgaaa tcttgggtca ctgcaacctc cgtctcctgg 420
 cttcaagcga ttctcctgcc tcaacctcct gagtggntgg gactacaggc accgtgccac 480
 tttcattgcg cgtcggggng aaaaagaccac caaacaggct ttgtcaaaga atg 533

<210> 1485
 <211> 542
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 1485
 gcagaagggtg taggctgcag gtttcggggc taagagaggg catggctggc gacacggagt 60
 agactcctag atgacataac ggaggcgagt ctgcaccggg gactcggcat taggaggagg 120
 cagaggaaaa gccaccacc gtggccgagg gagatctagc aagcagcttg caggggggtga 180
 agtgtgtgca aagcaggctg agacctgtcc agtatcgaaa cacgccgcgg tggcgaagca 240
 ggctttacca tgctcaggcg caggctggta caagatttgc agcaacaaac accaagtgga 300
 gaactacatg aacacttttg atcgcatccc agttttcaga caatctcgga taattctgaa 360
 aatgcttctt atgcattata taagaagttt aaggttatga tttaacagac aagctttttc 420
 aggagtatta agttattggc agaagaaaag acctacttaa aggttggatg actgtattcc 480
 taaaagggtc atacctctca aaantacctt aagatctctt tttggctcaa agaattaaat 540
 tt 542

<210> 1486
 <211> 117
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

<400> 1486
 actatgggaa aaactcagag ggcaacaggt cttctctaca tgacgcatgc tntgctacca 60
 acttctgnat nccttctncc attttntgaa aataaaatca aaagggaat caaaaaa 117

<210> 1487
 <211> 189
 <212> DNA
 <213> homo sapiens

<400> 1487
 gaaaagagga agagatagga gatttctctc tcctccttgt gagggatacc aaggagagaaa 60
 gatgggcccc tcagcacatc aggggaagaag agccatcaat agaaccgaa tcaaccagac 120
 accttgatca tgggacttct gagcctcctg aactggtgag aaataattta ttattggctg 180
 aaaaaaaaaa 189

<210> 1488
 <211> 367
 <212> DNA
 <213> homo sapiens

<400> 1488
 aaccaacagc aaaatacact ccccttaagg ttacctttga gaattaggac catcaaaaagg 60
 agaagatcgg ctaccctaca ggcacatgat aggatggaat tcctcagccc tcctgaagtt 120
 aggccactgc aagaggccta actggcttgc tttggccagt gaaataagag tagaagtcac 180
 atgtgttgtt actgtcaggc acaagtattt aactgccaat gtaacacaag aactccagc 240
 accctctttt gatggagcct cctttgatct ggatgcctga gtgactatga tgatcagaga 300
 ctctaacact cctactgacc caacagagag caatagttag aaataagact gttgtgttaa 360
 aaaaaaa 367

<210> 1489
 <211> 101
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature

<222> (1)...(101)
<223> n = A,T,C or G

<400> 1489
gaggccacct ctgtgattna cccccgtgct tcccancana aantggaaga tgtaggagca 60
aaacaaacaa tgntgncatt gntttcaccc acgaaaaaaa a 101

<210> 1490
<211> 207
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 1490
acctacacaa gggattcagt cegtcttagg ttctgctaata gacaactctt cttnaagtgc 60
ttcaaggccg tgtgaaaagg aaaagccagc cgggcacagt ggctcacgcc tgtaatocca 120
gcactttggg aggctgaggc ggncggatca cctgagggtca ggagtgcgag accagcctgg 180
ccaatgtgtc tntactaaaa atacaaa 207

<210> 1491
<211> 560
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(560)
<223> n = A,T,C or G

<400> 1491
atccctcttg cccagcacaa agtattatag aacanggttt tgaaaatggc tgaagacagc 60
aggaaactcg tcttcaagcc tgaacagtgg gagtcagcac gatcgccacg ccctcaactc 120
aagtccccctc ccagatcttg agttcttccc tctgagagtg ggggaggacg gcggacggga 180
acaaggcgcc ccgacatggg gtgccttttg gcaccggcna tgagccttgc tccgccatcg 240
gccgccggggg ttttccagtc agcctgtctc ctgattctct tccctgccgg cgcagcggtc 300
cgcccggaatc tcgccggggg ctntcttccc ctgcaccagc cagcgccttc tggctggcag 360
tcccaccctg gctcaccctt ccgaagagcc tgccgagacc actcatcgng agctcgtnt 420
ccgctccgcc ctaacgtcct acanacttcc gcttgcttct gggagggggg ngtttaataca 480
cacaaggacc aagccttgcc aatccgtcct canggcgccg ncggaaatta agangcgcaa 540
acgaaaacca ccggtgtacg 560

<210> 1492
<211> 128
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 1492
ttaccgctat ggcaactggg atgcccagaca gcacggntnt ttenttcttt cccctcccg 60
ntatggctgg gcantggatg ganaccccc ccnctgtttt tctgtntntn ttacccatga 120
tcacgcgg 128

<210> 1493
<211> 402
<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(402)

<223> n = A,T,C or G

<400> 1493

gcaaggggtgg	tgatctcagt	taattgcanc	ntttgcnttt	cggaatcaac	caatnntcnn	60
gcttaacttn	cccaagtngc	tgaantaacn	ggggccttcc	accaccccaa	gttaattttg	120
gatttttnag	aaaaaacggg	gtttaatcat	gttgggccag	ggctgggtct	tggaactcctg	180
gccttaaggt	gaatcccgt	gcctcaacct	tccaaanggg	ctgggattac	agggcatggg	240
ccaccatgcc	tggccttggg	ggacatacat	atTTTTTgaa	aaaaaaaaatg	cttttctctc	300
ctgccaaaac	agaaagaaag	aaatacaaca	aacaaagcca	atctctaaag	tgctctctcc	360
aaattaataa	tactgnaaat	ttacctttat	gccaaaaaaa	aa		402

<210> 1494

<211> 364

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(364)

<223> n = A,T,C or G

<400> 1494

aacccatgca	ggagaacctc	tccaggtnca	catatttcct	gctactggaa	nggcttaaaa	60
ctggggattt	gcaaggaact	acgaaagtc	aagacctttg	ccttttttta	aaaagaaag	120
ccccagctgg	gtcttccatg	gtggaaggtc	ttctccagaa	atgaactctt	gaaaagccca	180
catggttgga	gaatggcccc	cattacangg	atggggagaa	gcaccctgga	acccccccaa	240
gntattggac	ttaaaaaaaa	gacaggttgc	cctggaaaaa	tcatctgacc	ccacattgga	300
ctttatgtga	ngggggaaat	aaacnnttat	tatggttaag	ctaccccant	aataaataac	360
accc						364

<210> 1495

<211> 240

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(240)

<223> n = A,T,C or G

<400> 1495

gaaattggaa	caggaatggc	ntcangaant	cccagtccac	gtgtatccca	ttttggtttt	60
ttnaagaaga	attttngaaa	ngaaagacag	atgggaanga	agaaatncca	gtcacaaaaga	120
tatgactttc	ttaagtgggt	gaaccccaag	ntcctgagga	acatgccctt	tgccaagaaa	180
ggcaagaaag	angtgcatga	agaanatgca	ngccacacca	ccaangccct	gctgccacgc	240

<210> 1496

<211> 190

<212> DNA

<213> homo sapiens

<220>

<221> misc_feature

<222> (1)...(190)

<223> n = A,T,C or G

<400> 1496

cctaattccc	atgtgccc	at	ggccttgcag	ctccccaa	ag	aaagccagga	cattgttggg	60
------------	----------	----	------------	----------	----	------------	------------	----

aattcttcta	aacaaanctc	aanaangaaa	gttactttct	tcacttgtgg	gtgcccataat	120
ggggaatttg	aaagtcgttc	tactcatgct	ctgggtttca	ataaaactgc	ttctgcctct	180
gaaaaaaaaa						190

<210> 1497
 <211> 183
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(183)
 <223> n = A,T,C or G

<400> 1497						
gctgaattgg	ccaattnttt	tgctttttac	cctggaagaa	atactcataa	gccanctctg	60
ntatttacct	ccaatcttca	caagaaaaac	tgtattggag	tntacataat	ccccacatgn	120
cctacgagaa	acctgntgga	acgttattga	atgatggggg	ccntcttncc	cccggttgcc	180
ctg						183

<210> 1498
 <211> 312
 <212> DNA
 <213> homo sapiens

<400> 1498						
gactttaaaa	gaaggcttaa	gaaaagcacg	caggcctggc	cgggtagctc	acgccagtaa	60
tcccagtgct	ttgggacgtc	aaggcaggcg	ggtcgcttga	gagtagagtt	tcgagacctg	120
ggcaagatgg	tgagactccg	tctttatgaa	atattttaag	aaaatcacgt	acacctgtgg	180
tccccgctac	aaggggaggct	gaggcggaag	gattgcttga	gccaagagg	ttgaggctac	240
agtaagccgt	gatccagcca	ctgcaactcca	tccccggcaa	cacaacgaga	ccatgcgtca	300
ggaaaaaaaa	aa					312

<210> 1499
 <211> 534
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(534)
 <223> n = A,T,C or G

<400> 1499						
gtgggggtctt	tcagcaccag	ccactaggcg	gcagggaaac	ggcagagtgc	cacacactgc	60
caggccagct	ggaactacaa	cagcccctta	gggccacctt	ggtggatagt	caccggcaac	120
acctgtgaag	actgacaaag	ccagcatccc	tgggatctaa	cacgcagaaa	tacacacgcc	180
aagacatgca	aagcggccca	tggagcattg	atccaaagtg	gaaggcaaag	tgggtctcca	240
tccacgggga	acattgtggt	tgtttgcaca	ttctacatgc	ttaccactgc	tttcacacgg	300
ccatgaggag	gaatggactc	cagctcccgg	ccgccccgga	gggagtgggg	tcagaagatg	360
canaagaggg	tgcatgatga	ggctctgctt	ttaaaatgct	gacagcttcc	agtgtgtcat	420
gtacattttt	gtgtatgtca	aataagcact	gagaaaaact	tanggaaat	atngtggatt	480
acagatgaga	cactcatatt	gagaaagggg	caaaccaagt	acgtacaaaa	aaaa	534

<210> 1500
 <211> 149
 <212> DNA
 <213> homo sapiens

<400> 1500						
aatgctaaga	aattcagttc	caggatatga	actctacagc	ggaagaataa	gaaaccggac	60
taaacttctc	actcatctgc	ttctgggttc	acacagattt	ggtgaccgaa	aacaatcttt	120
cgcgaaagtt	cgctggccgg	gccccaaa				149

<210> 1501
 <211> 383
 <212> DNA
 <213> homo sapiens

<400> 1501
 tacaggaaga tataaatgca aatgtgcaaa aaaaggaaga aggaaagatg gaccaagttc 60
 acctgtttgc tgagtttttag ttctcgaagg caatggaaact gttgctatcc acttctgcct 120
 cttagtacct taaacctcag agatgctcac tggaaacactt ttacatgga tttgtctttg 180
 gtttcatcag ataacctaga attggctcctg ttataattga agttccactc caccaggaat 240
 ttgtcagcaa gagacagata gaaataaaca acaaaaacca gcctacaaaa catatgaaaa 300
 caacagggtt taaagaataa ctgaagttga gatataataag actgatgcta tttgttgtgc 360
 tgtgtataat ttcttggggc ttg 383

<210> 1502
 <211> 387
 <212> DNA
 <213> homo sapiens

<400> 1502
 gtagcatgaa tctcatcacg cacagagaga aagcttccact gaaaactcat tacagagact 60
 ttgaatgaga taagataaaa tatagtcctt gcaagcaact tcaccggatg cttaaagctaa 120
 gaaattagag gacaaactat catctttctc atcatggaaa aacaccatct cttcatgctg 180
 acctgccaac atatccaaac aacagtatgg gaaattctgc attgtaactt cttgacctac 240
 cacaactacc agcacttggt aatccatcac cttttatgat cccagaggac atttacagcc 300
 ttctcctggg aaacaaatat ttgaacaata tgtcattgat aaacaatgct tagtaataaa 360
 tatatcagtt gcaggcaatc aaaaaaa 387

<210> 1503
 <211> 155
 <212> DNA
 <213> homo sapiens

<400> 1503
 acacttcggg agctgtgggt tcggtgcaga catgtccaag tccacatata accacacaca 60
 accaggcccc aaaatggaac agaaatggca tcaagaaatc ccagtccacg tgtatcccat 120
 tttgggtttt ttaagaagaa atttaaaaaa gaaag 155

<210> 1504
 <211> 492
 <212> DNA
 <213> homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 1504
 gcatatccag tgtgtgtccc actgcccggg cgctgtgca tgggtctatc attgcctgga 60
 attggtgggc agaggaatga tggatcatgga taagggaacca tccctccaaa gcgcatcacc 120
 tcttctttca gtggtcacat tcaggcccta gctcctcact cagttgtaga accccaaaaac 180
 tcagtttgag tacctgatgt gcaggaagcc aaacagtgc acatcagtg ttcaaaagag 240
 agaatggttt atttgatttg gccaacggta atataggctc tgttacaaaag ggaccttact 300
 gtctgggacc tgctactcca gtactgccac aatgcaggat tccagaaaca gggctctcct 360
 atgttgccaa ggggtggtctt ccaangccn gggggcctna agcgatctt ttacttcagc 420
 ctcccaaaat gctggaatta caggcactga ctactggncc tgccatgccc acgccactgc 480
 tcccgcgtgt gt 492

<210> 1505
 <211> 337
 <212> DNA
 <213> homo sapiens

```

<400> 1505
ggaagtgttg aaaaaaatc taaaataaaa ggcagaaggc ctgtcttcta gaactgacac      60
taccaacaca aaagatgtct ttccagggtt ttgcatttct gacagccgga tggccccacc      120
tggacctgcc aaccgtttct gtggccccta cccaggaact gactcagcat taagaggaca      180
gcttcgagtc cctacaattt catcctcgag ccaaccaatc agcactcctg actcactggc      240
ccccatcccg ccaaattatc cttaaaaact ctgatccctg agtttttggg gagactgatt      300
tgaataataa taaaactctg ctctcccaca aaaaaaa      337

<210> 1506
<211> 370
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 1506
aacacaaata aaaaaccggc ctctatattt gtgtacacag tccctgtaca gggtttctaa      60
tctgagggaa gtaaaacatg ccactttcta atggacaaaa acctcagggt atctttggaa      120
cctcaggagg agaggggatt caccactca caggggtgctg cctcgaagcc cccagaacag      180
aaaggtgcta ccngggaaca aatcccacct ctccacttc cagcgtggt gtttnggtgg      240
ccccatgga cgaacaaccc tcttctcaag cagggaaagc agcccagaaa aggattacca      300
atgcttcac ttccttacg attcttcgtg gattaataaa atacatatac cntgccatgg      360
ataaaaaaa      370

<210> 1507
<211> 212
<212> DNA
<213> homo sapiens

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 1507
agacgggggt tgcgccatgt ggccagactg gtctcgaact cctgacctca gctgatccac      60
ctgcctaggc ctcaaaagt gctggaatta taggtgtgag ccaccgtgcc cggcctgac      120
tcattggatc tttgcagcaa tttgatgaat tgggtgttct cgttatcccc aggtggcagg      180
caactgaggc ccanaagaag gaagtaaaaa aa      212

<210> 1508
<211> 336
<212> DNA
<213> homo sapiens

<400> 1508
gaagtgttga aaaaaaatct aaaataaaag gcagaaggcc tgtcttctag aactgactct      60
accaacacaa aagatgtctt tccagggttt tgcatattct acagccggat ggccccacct      120
ggacctgcca accgtttctg tggcccctac ccaggaactg actcagcatt aagaggacag      180
cttcgagtc ctacaatttc atcctcgagc caaccaatca gcaactcctga ctactggcc      240
ccctaccgc caaattatcc ttaaaaactc tgatccctga gtttttgggg agactgattt      300
gaataataat aaaactctgc tctcccacaa aaaaaa      336

```